



**US Army Corps  
of Engineers**

# Civil Works

FY 07

Enacted  
Fact Sheets

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GREAT LAKES AND OHIO RIVER DIVISION  
ENACTED FACT SHEETS FY2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Cherry River Basin, WV

AUTHORIZATION: Resolution of the Committee on Public Works and Transportation of the House of Representatives, adopted 27 July 2004.

LOCATION: Project (167 square miles) is in Nicholas, Webster, Greenbrier, and Pocahontas counties in West Virginia. The Cherry River includes a total of 43 stream miles with including the North and South Fork coming together at the Town of Richwood.

DESCRIPTION: Investigate and document water resource issues in the basin including flood damage reduction, ecosystem restoration, water supply, and recreation. Feasible projects will be recommended for further feasibility study in a collaborative manner working with stakeholders, state and local authorities, and state and Federal agencies.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$ 246.0
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 246.0
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	99.0
Conference Amount for FY 2007	0
Allocation for FY 2007	97.0
Balance to Complete after FY 2007	50.0
Benefit to Cost Ratio Applicable rate (___%)	
Benefit to Cost Ratio at 7%	
Remaining Benefits Remaining Costs Ratio at 7%	

FY 2007 ACTIVITIES: Funds are being used to continue the reconnaissance study for the Cherry River Basin watershed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Earliest attainable completion for reconnaissance is FY 2008 pending availability of funds.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03)

DISTRICT: Huntington

Date: 5 April 2007



**FACT SHEET  
INVESTIGATIONS ACCOUNT**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**STUDY NAME:** Des Plaines River, Illinois Phase II

**AUTHORIZATION:** Section 419, WRDA 1999 (PL 106-53)

**LOCATION:** The Des Plaines River flows from southeast Wisconsin to northeast Illinois. It is 67 miles long.

**DESCRIPTION:** Approximately 800,000 people live within the Des Plaines River watershed, which includes 73 municipalities that contend with flood damages, including residential and commercial structure damage as well as impacts to the transportation networks in the densely populated watershed. The average annual damages are estimated to be over \$26.3 million for the Des Plaines River mainstem, alone. The FSCA was signed on 27 February 2002.

<b><u>SUMMARIZED FINANCIAL DATA (\$000):</u></b>	<b><u>FY 2007 (\$000)</u></b>
	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$ 5,520
Estimated Non-Federal Cost	5,520
Total Estimated Study Cost	11,040
Allocation thru FY 2004	1,829
Allocation for FY 2005	896
Allocation for FY 2006	495
Allocation for FY 2007	750
Balance to Complete After FY 2007	1,550
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio	N/A

**ACTIVITIES FOR FY 2007:** Continue hydrology assessments of alternatives and hydraulic studies, and plan formulation on remaining tributaries and mainstream Des Plaines River and complete pilot studies for Buffalo Creek and Kilbourn Ditch. Conduct Feasibility Scoping Meeting with HQUSACE.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility phase completion by FY 2010 assumes funding in FY08, FY09 and FY10.

**OTHER INFORMATION:** This project was budgeted annually between FY 2001 and 2005, but it has been unbudgeted in FY 2006, 2007 and 2008. The non-Federal sponsors are concerned about schedule delay due to inadequate Federal funding.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority

**CONGRESSIONAL INTEREST:** Sen. Durbin (IL), Sen Obama (IL), Bean (IL-8), Hyde (IL-6), Kirk (IL-10), Schakowsky (IL-9), Ryan (WI-1)

**DISTRICT:** Chicago

**DATE:** 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Metropolitan Louisville, Mill Creek Basin, Kentucky

AUTHORIZATION: Resolution adopted on May 5, 1987 by the Committee on Environment and Public Works of the United States Senate

LOCATION: The study area is located within the Mill Creek watershed in southwest Jefferson County, Kentucky, including the communities of Shively and Pleasure Ridge Park.

DESCRIPTION: Approximately 3,300 homes and businesses in the study area are subject to flooding from Mill Creek and its tributaries. The feasibility study will provide detailed evaluation of the flood risks, and will analyze alternatives to reduce damages.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 900
Estimated Non-Federal Cost	900
Cash	655
Other	244
Total Estimated Cost	\$ 1,800
Allocation thru 2004	\$ 0
Allocation for FY 2005	52
Allocation for FY 2006	128
Allocation for FY 2007	350
Balance to Complete after FY 2007	369
Benefit to Cost Ratio Applicable rate (____%)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Continue feasibility study efforts — evaluation of existing conditions (flooding and expected damages).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 09

OTHER INFORMATION: The Feasibility Cost Sharing Agreement was executed in August 2005. The Louisville and Jefferson County Metropolitan Sewer District, a proven cost share sponsor, is the local sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: McConnell (KY), Bunning (KY), Yarmuth (KY-3)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Metropolitan Louisville, Southwest, Kentucky

AUTHORIZATION: Resolution adopted on May 5, 1987 by the Committee on Environment and Public Works of the United States Senate.

LOCATION: The study area encompasses a drainage area of approximately 24 square miles including the west and south ends of the City of Louisville, Kentucky.

DESCRIPTION: The study is evaluating a combination of detention basins and the operational modifications and/or improvements to the pump stations located on the Ohio River associated with the existing Federally constructed flood damage-reduction project.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 1,786
Estimated Non-Federal Cost	1,786
Cash	1,137
Other	649
Total Estimated Cost	\$ 3,572
Allocation thru 2004	\$ 1,230
Allocation for FY 2005	194
Allocation for FY 2006	130
Allocation for FY 2007	132
Balance to Complete after FY 2007	100
Benefit to Cost Ratio Applicable rate (___%)	TBD
Benefit to Cost Ratio rate 7%	TBD
Remaining Benefits Remaining Costs Ratio 7%	TBD

FY 2007 ACTIVITIES: FY 2007 budgeted funds are being used to continue the feasibility study, focusing on identifying the best alternatives to reduce flood damages.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: The feasibility study has been a budgeted line item in the General Investigations Appropriation. The study sponsor is the Metropolitan Louisville-Jefferson County Sewer District (MSD), a dependable sponsor. Allocation of FY 08 funds will be used to complete the feasibility study.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTERESTS: McConnell (KY), Bunning (KY), Yarmuth (KY-3)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Southeast Illinois Shoreline (Ohio River Flood Protection), Illinois

AUTHORIZATION: Resolution of the Committee on Transportation and Infrastructure of the House of Representatives, May 9, 1996.

LOCATION: The project area includes southeast Illinois shoreline of Ohio River and tributaries currently protected by urban levee/floodwall projects previously constructed and completed by the Corps and assigned to local interests between 1950 and 1953. The projects are located in the cities of Brookport, Harrisburg, Golconda, Reevesville, and Rosiclare, Illinois.

DESCRIPTION: The feasibility study will evaluate reconstruction alternatives to restore the existing, local protection facilities to their original operating conditions. Operation and maintenance has been conducted by locals as required. Failure of the projects would result in major urban flooding from the Ohio River and pose a threat to human life, health, and safety.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 450
Estimated Non-Federal Cost	450
Cash	450
Other	0
Total Estimated Cost	\$ 900
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	99
Allocation for FY 2007	50
Balance to Complete after FY 2007	301
Benefit to Cost Ratio Applicable rate (___%)	TBD
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio 7%	NA

FY 2007 ACTIVITIES: Funds will be used to continue detailed feasibility evaluations.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: The 905(b) report recognized that local sponsors have completed required Operation and Maintenance and that physical deterioration of structural features of the projects have occurred due to age. All projects have exceeded their design life.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTERESTS: Durbin (IL), Obama (IL), Shimkus (IL-19), Costello (IL-12)

DISTRICT: Louisville District

Date: 4 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Banklick Creek, Kenton County, KY

AUTHORIZATION: FCA 1948 (PL 80-858), Section 205, as amended (33 U.S.C. Section 701s)

LOCATION: The project area is located in Kenton County, KY, 4.8 miles upstream of the Licking River confluence with the Ohio River.

DESCRIPTION: Due to the topography of the upper basin, flash flooding is prevalent and the Banklick Creek Basin has received multiple severe flash flood rainfall events within the last decade.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$ 403
Estimated Non-Federal Cost	303
Cash	
Other	
Total Estimated Cost	\$ 706
Allocation thru 2004	\$ 273
Allocation for FY 2005	40
Allocation for FY 2006	40
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (4.875%)	1.1
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%)	TBD

FY 2007 ACTIVITIES: Feasibility work includes identification of non-structural options, completion a risk-based economic analysis, and identification of the NED plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility study to be completed in FY07.

OTHER INFORMATION: Feasibility level.

ADMINISTRATION POSITION: Consistent with Administration policy. Flood damage reduction is a high priority if economically justified.

CONGRESSIONAL INTEREST: McConnell (KY), Bunning (KY), Davis (R-KY-4)

DISTRICT: Louisville District

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Canadaway Creek Emergency Stream Bank Restoration

AUTHORIZATION: Section 14 of the 1946 Flood Control Act, as amended.

LOCATION: The project area is located about 5,000 feet upstream from the confluence of Canadaway Creek and Lake Erie in the village of Fredonia, Chautauqua County, New York.

DESCRIPTION: The proposed protection plan entails the construction of an innovative trench-fill revetment along approximately 800 feet of the stream's left bank.

<u>SUMMARIZED FINANCIAL DATA</u>	FY2007 (\$000)
Estimated Federal Cost	\$ 369.0
Estimated Non-Federal Cost	\$ 369.0
Cash	\$ 0
Other	\$ 0
Total Estimated Cost	\$ 738.0
Allocation thru 2004	\$ 285.0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 7.0
Allocation for FY 2007	\$ 77.0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (5.875%)	1.34:1
Benefit to Cost Ratio at 7%	1.55:1
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Due to the Feasibility Cost Sharing Agreement (FCSA) moratorium imposed by Congress, this project cannot complete feasibility in FY07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study phase is 80% complete. Finishing feasibility involves executing the tasks of NEPA re-coordination, real estate appraisal and acquisition, updating cost estimates and certification of planning policy compliance.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Brian Higgins D-NY-27; Sen. Charles Schumer D-NY; Sen. Hillary Clinton D-NY

DISTRICT: Buffalo

Date: 3 APR 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Greenbrier River Basin (Marlinton), WV

AUTHORIZATION: Sec. 579 WRDA 1996, P.L. 104-303, as amended by Sec. 360 of WRDA 1999 P.L. 106-53

LOCATION: The Greenbrier River Basin (Marlinton) is located in eastern West Virginia.

DESCRIPTION: 16,000 feet of levee/floodwall to be constructed on both sides of the river, protecting the downtown Marlinton and Riverside areas, and associated pump stations to handle interior drainage.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$81,612
Estimated Non-Federal Cost	11,688
Cash	11,688
Other	0
Total Estimated Cost	93,300
Allocation thru 2004	6,810
Allocation for FY 2005	1,812
Allocation for FY 2006	1,980
Allocation for FY 2007	750
Balance to Complete after FY 2007	70,260
Benefit to Cost Ratio Applicable rate (5 3/8%)	.55 to 1
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	.44 to 1

FY 2007 ACTIVITIES: Update DPR / EIS and submit for HQ approval; coordinate financing plan with local sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY2008

OTHER INFORMATION: Current authorized Federal expenditure limit is \$47M; current project estimate is \$93.3M. Therefore, the project is not fully implemental without additional cost sharing.

ADMINISTRATION POSITION: Inconsistent with Administration policy (project economics are less than 1.0 to 1)

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03)

DISTRICT: Huntington

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Holes Creek, West Carrollton, Ohio

AUTHORIZATION: Section 401(a) of WRDA 1986 (PL 99-662) and Section 584 of WRDA 1999 (PL 106-53)

LOCATION: The project is located in West Carrollton, Ohio, just south of Dayton.

DESCRIPTION: Project consists of channel widening, replacement of a railroad bridge, a floodwall and relocations.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 12,750
Estimated Non-Federal Cost	1,306
Cash	419
Other	887
Total Estimated Cost	\$ 14,056
Allocation thru 2004	\$ 8,670
Allocation for FY 2005	280
Allocation for FY 2006	0
Allocation for FY 2007	0
Balance to Complete after FY 2007	3,800
Benefit to Cost Ratio Applicable rate (8.000%)	1.08
Benefit to Cost Ratio at 7%	1.3
Remaining Benefits Remaining Costs Ratio at 7%	9.64

FY 2007 ACTIVITIES: If funding is provided, \$1,355,000 would be used to complete real estate acquisition for remaining work and \$2,445,000 would be used to award final construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 30 September 2008

OTHER INFORMATION: \$2,441,000 was reprogrammed from this project in FY 03 and FY 04 and has not been restored. If funding is not provided, the project completion date will be delayed and several properties would remain in the 100-year floodplain.

ADMINISTRATION POSITION: Flood damage reduction is consistent with Administration policy; however authorized project cost sharing is inconsistent with policy.

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH), Turner (OH-3), Hobson (OH-7)

DISTRICT: Louisville District

Date: 4 April 2007

**FACT SHEET  
CONSTRUCTION ACCOUNT**

**BUSINESS PROGRAM:** Navigation

**PROJECT NAME:** Indiana Shoreline, IN

**AUTHORIZATION:** Section 501(a), WRDA 1986 (PL 99-662), as amended.

**LOCATION:** The Indiana Dunes National Lakeshore is located on the shore of Lake Michigan in Lake County, Indiana and is owned by the National Park Service.

**DESCRIPTION:** The project attempts to mitigate littoral drift losses and erosion caused by the Michigan City Harbor structures. The area immediately downdrift of the harbor between Michigan City and the existing revetment at Beverly Shores, IN comprises the Indiana Dunes National Lakeshore (Mt Baldy). As mitigation for littoral drift losses and erosion resulting from the harbor structures, the Corps will truck sand from an approved inland source to place along the shoreline. The authorized project includes initial beach nourishment of 264,500 cubic yards of material and periodic nourishment of 264,500 cubic yards of material at five-year intervals for 50 years.

<b><u>SUMMARIZED FINANCIAL DATA (\$000):</u></b>	<b>FY 2007 (\$000)</b>
	<b><u>Construction</u></b>
Estimated Federal Cost	\$184,000
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Project Cost	\$184,000
Allocation thru FY 2004	11,030
Allocation for FY 2005	444
Allocation for FY 2006	272
Allocation for FY 2007	1,000
Balance to Complete After FY 2007	171,254
Benefit to Cost Ratio Applicable Rate	2.4
Benefit to Cost Ratio at 7%	2.5
Remaining Benefits Remaining Costs Ratio at 7%	3.0

**FY 2007 ACTIVITIES:** Complete plans and specifications and initiate and complete sand placement.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2035

**OTHER INFORMATION:** The construction is being completed by the Corps of Engineers at 100 percent federal expense.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy

**CONGRESSIONAL INTEREST:** Visclosky (IN-1), Lugar (R-IN), Bayh (D-IN)

**DISTRICT:** Chicago

**DATE:** 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Island Creek, Logan, WV, Local Protection Project

AUTHORIZATION: Section 401 of the Water Resources Development Act of 1986 (P.L. 99-662)

LOCATION: Logan, WV at the confluence of the Guyandotte River and Island Creek.

DESCRIPTION: Recommended project includes widening the Island Creek channel to an 80-foot bottom width for a distance of 3,600 feet upstream of its confluence with the Guyandotte River, construction of two retaining walls, and implementation of a flood warning system (FWS).

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 16,017
Estimated Non-Federal Cost	9,744
Cash	1,373
Other	8,371
Total Estimated Cost	\$ 25,761
Allocation thru 2004	\$ 3,389
Allocation for FY 2005	47
Allocation for FY 2006	302
Allocation for FY 2007	20
Balance to Complete after FY 2007	12,259
Benefit to Cost Ratio Applicable rate (5 3/8%)	3.0 to 1
Benefit to Cost Ratio at 7%	2.3 to 1
Remaining Benefits Remaining Costs Ratio 7%	2.85 to 1

FY 2007 ACTIVITIES: Awaiting approval of the General Reevaluation Report (GRR). Once the report is approved, current funding levels will allow for the channel improvement Project Cooperation Agreement (PCA) to be reviewed and executed. Sponsor will initiate LERRD acquisition.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: District is awaiting approval of the GRR and is coordinating the channel improvement PCA with the sponsor. Upon execution of the PCA the sponsor stands ready to move forward with LERRD acquisition.

ADMINISTRATION POSITION: Administration supports economically feasible flood damage reduction projects.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03)

DISTRICT: Huntington

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Levisa and Tug Forks of the Big Sandy River and Upper Cumberland River, West Virginia, Virginia, and Kentucky

**AUTHORIZATION:** Section 202 of the Energy and Water Development Appropriation Act of 1981 (PL 96-367).

**LOCATION:** The Levisa and Tug Forks of the Big Sandy River and the Upper Cumberland River are located in southwestern WV, southeastern KY, and western VA.

**DESCRIPTION:** The project includes levees, floodwalls, pump stations; the floodproofing and evacuation of structures located in the flood hazard areas; and development of relocation sites for the affected areas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 2,338,109 <u>1/</u>
Estimated Non-Federal Cost	133,365
Cash	(100,965)
Other	( 32,400)
Total Estimated Cost	\$ 2,471,474
Allocation thru 2004	\$ 895,818 <u>1/</u>
Allocation for FY 2005	35,308
Allocation for FY 2006	30,789
Allocation for FY 2007	10,659
Balance to Complete after FY 2007	\$ 1,365,535
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

1/ Includes \$850,000 paid by Judgment Fund for settled claim.

**FY 2007 ACTIVITIES:** Continue each element of the Section 202 program as listed:

**Kentucky - LRH**

Town of Martin: Complete Phase 1 construction; continue Phase 2 real estate acquisition; complete school plans and specifications

Pike County (Tug Fork): Continue voluntary floodproofing and acquisition program

Martin County: Continue voluntary floodproofing and acquisition program

Pike County (Levisa Fork): HQ & ASA(CW) review of DPR; PCA coordination with sponsor

Floyd County: HQ & ASA(CW) review of DPR; PCA coordination with sponsor

Johnson County: Continue DPR

Kentucky - LRN

Clover Fork: Continue nonstructural implementation.

City of Cumberland: Continue implementation.

Harlan County: Continue implementation.

Bell County: Funds are being used to continue the DPR.

Knox County: Funds are being used to continue the DPR.

Whitley County: None.

Virginia

Grundy, VA: Continue administration of ringwall (Phase 1) construction contract and VDOT relocations contract; continue voluntary floodproofing and acquisition program; complete the levee/ringwall tie-in design (Phase II).

Buchanan County: Prepare Flood Warning Emergency and Evacuation Plan.

Dickenson County: Prepare Flood Warning Emergency and Evacuation Plan, upon receipt of non-Federal matching funds

West Virginia

McDowell County: Fully obligate relocation contract for construction War Elementary / Middle School; fully obligate site work contract for Bradshaw Elementary / High School.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Ongoing subject to future appropriations.

OTHER INFORMATION: Congress, in Section 202 of the Fiscal Year 1981 Energy and Water Development Appropriation Act, stated that benefits of the 202 project exceed costs.

ADMINISTRATION POSITION: The Administration does not support most elements of the program because they are not economically justified. For Grundy, VA: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03); McConnell (KY), Bunning (KY), Rogers (KY-05); Allen (VA), Warner (VA), Boucher (VA-09)

DISTRICT: Huntington and Nashville

Date: 2 April 2007

**FACT SHEET  
CONSTRUCTION ACCOUNT**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Little Calumet River Basin (Cady Marsh Ditch), IN

**AUTHORIZATION:** Sec 401, WRDA 1986 (PL 99-662), as amended

**LOCATION:** The Cady Marsh Ditch is located in Griffith and Highland, IN.

**DESCRIPTION:** The purpose of this project is to reduce flooding on the Cady Marsh Ditch and the Little Calumet River. The authorized project consists of widening and deepening 1,290 feet of Cady Marsh Ditch; constructing 6,400 feet of 10 foot diameter pipe under Arbogast Avenue; improving 1,300 feet of open channel that leads into the Little Calumet River; and construction of an interior drainage system including upgrades to existing pump station and concrete culverts with flap gates.

<b><u>SUMMARIZED FINANCIAL DATA (\$000):</u></b>	<b><u>FY2007 (\$000) Construction</u></b>
Estimated Federal Cost	\$23,367
Estimated Non-Federal Cost	7,789
Cash	(7,094.3)
Other	(694.7)
Total Estimated Project Cost	31,156
Allocations thru FY 2004	6,107
Allocations for FY 2005	5,142
Allocations for FY 2006	8,118
Allocations for FY 2007	4,000
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate (5.875%)	1.1
Benefit to Cost Ratio at 7%	1.1
Remaining Benefits Remaining Cost Ratio (7%)	1.8

**FY 2007 ACTIVITIES:** Complete construction of Genis Pump Station contract. Complete plans and specifications and initiate construction for the Cady Marsh Ditch interior drainage improvements.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Project completion by FY 2008.

**OTHER INFORMATION:** Fully funded construction contract for interior drainage improvements is scheduled to be awarded in September 2007.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy

**CONGRESSIONAL INTEREST:** Visclosky (IN-1)

**DISTRICT:** Chicago

**DATE:** 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Lower Mud River, Milton, WV

AUTHORIZATION: Sec. 580 WRDA 1996 (PL 104-30); Sec 340 WRDA 2000 (PL 106-54)

LOCATION: City of Milton, Cabell County, WV, on the Mud River

DESCRIPTION: The recommended plan is a levee, approximately 8,300 feet long, which would provide protection from a 250 year flood event.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 38,850
Estimated Non-Federal Cost	12,950
Cash	2,823
Other	10,127
Total Estimated Cost	\$ 51,800
Allocation thru 2004	\$ 3,587
Allocation for FY 2005	411
Allocation for FY 2006	1,237.5
Allocation for FY 2007	250
Balance to Complete after FY 2007	33,364.5
Benefit to Cost Ratio Applicable rate (5 3/8%)	1.4
Benefit to Cost Ratio at 7%	
Remaining Benefits Remaining Costs Ratio at 7%	1.0

FY 2007 ACTIVITIES: Funds will be used to complete the Limited Reevaluation Report (LRR) and continue Planning, Engineering, and Design (PED).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Existing authorization does not permit the Corps to implement the recommended plan.

ADMINISTRATION POSITION: Consistent with Administration policy to support economically justified flood damage reduction projects.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03),

DISTRICT: Huntington

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Metropolitan Louisville, Beargrass Creek, KY

AUTHORIZATION: Section 101(a)(20) of Water Resources Development Act of 1999, P.L. 106-53

LOCATION: Eastern Jefferson County in the suburbs of Louisville, Kentucky, along the South Fork Beargrass Creek and its tributary, Buechel Branch.

DESCRIPTION: The project consists of eight detention basins, about 2,000 linear feet of channel modification, and 1,400 linear feet of floodwall/levee on the South Fork of Beargrass Creek and Buechel Branch.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 9,868
Estimated Non-Federal Cost	5,206
Cash	1,977
Other	3,229
Total Estimated Cost	\$15,074
Allocation thru 2004	\$ 6,359
Allocation for FY 2005	2,465
Allocation for FY 2006	444
Allocation for FY 2007	600
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (6.375%)	2.2
Benefit to Cost Ratio at 7%	1.7
Remaining Benefits Remaining Costs Ratio at 7%	20

FY 2007 ACTIVITIES: Complete construction on the last phase of the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phase II(B), the last phase of the project, will be completed in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: McConnell (R-KY), Bunning (R-KY), Yarmuth (KY-03)

DISTRICT: Louisville District

Date: 4 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Metropolitan Louisville, Pond Creek, Kentucky

AUTHORIZATION: Section 101(a)(14) of the Water Resources Development Act of 1996, P.L. 104-303

LOCATION: The project is located in the central and eastern portions of the 126 square mile Pond Creek watershed, in southern Jefferson County, Kentucky.

DESCRIPTION: The project consists of the construction of two detention basins, the Melco detention basin on Northern Ditch and the Vulcan Quarry detention basin on Fishpool Creek; channel modification along approximately 2.4 miles of Pond Creek and 1.5 miles of Northern Ditch; a fifteen acre environmental restoration component; and a multipurpose maintenance road/hiking trail along the Pond Creek channel modification.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 17,047
Estimated Non-Federal Cost	5,682
Cash	1,514
Other	4,168
Total Estimated Cost	\$ 22,729
Allocation thru 2004	\$ 9,295
Allocation for FY 2005	171
Allocation for FY 2006	3,633
Allocation for FY 2007	3,948
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7 ¾%)	2.8
Benefit to Cost Ratio at 7%	2.6
Remaining Benefits Remaining Costs Ratio at 7%	4.4

FY 2007 ACTIVITIES: Award the final two construction contracts for Phase IV, the last phase of the project. The Northern Ditch contract was awarded in January 2007. The Pond Creek contract is scheduled to be awarded in June 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: McConnell (R-KY), Bunning (R-KY), Yarmuth (KY-03)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Mill Creek, OH

AUTHORIZATION: Section 201 of the Flood Control Act of 1970 (PL 91-611)

LOCATION: The project is located along a 17.5-mile length of Mill Creek and a ¾ mile length of East Fork in Hamilton County, Ohio.

DESCRIPTION: The authorized project includes 17.5 miles of channel improvement, 2 miles of levees, 3 pumping plants, modification of highway and railroad bridges, and the addition of 2 pumping units at the existing Mill Creek barrier dam.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Construction</u>
Estimated Federal Cost	\$ 163,000
Estimated Non-Federal Cost	51,210
Cash	5,786
Other	45,424
Total Estimated Cost	\$ 214,210
Allocation thru 2004	\$ 112,738
Allocation for FY 2005	645
Allocation for FY 2006	0
Allocation for FY 2007	65
Balance to Complete after FY 2007	49,552
Benefit to Cost Ratio Applicable rate (5.375%)	0.7
Benefit to Cost Ratio at 7%	0.4
Remaining Benefits Remaining Costs Ratio at 7%	3.9

FY 2007 ACTIVITIES: Initiation of design of the remedial repairs at the remaining completed sections in order to turn these sections over to the Sponsor for O&M.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 30 Sep 2009

OTHER INFORMATION: Additional funding will be required to complete design and construction of the remedial repairs on previously completed sections 1, 2, and 4A. A final cost estimate of the remedial repairs will not be complete until further field verification and design can occur but is expected to be in the range of \$5–10M.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH), Chabot (OH-1)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Mississinewa Lake, Indiana (Major Rehabilitation)

**AUTHORIZATION:** Section 203 of the Flood Control Act of 1958, P.L. 85-500

**LOCATION:** The project is located in Wabash, Miami and Grant Counties in north central Indiana, approximately 65 air miles northeast of Indianapolis.

**DESCRIPTION:** The project constructed a concrete cutoff wall in the right embankment of the dam to safely maintain future flood storage pools and prevent progression of the detrimental movement of materials out of the embankment.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 61,004
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 61,004
Allocation thru 2004	\$ 39,727
Allocation for FY 2005	13,365
Allocation for FY 2006	1,912
Allocation for FY 2007	50
Balance to Complete after FY 2007	5,950
Benefit to Cost Ratio Applicable rate (6-7/8%)	1.5
Benefit to Cost Ratio at 7%	1.5
Remaining Benefits Remaining Costs Ratio at 7%	7.1

**FY 2007 ACTIVITIES:** The project was physically complete in FY 06. FY 07 funds to be used for contract administration/claim issues.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Projected close out of project is FY 08.

**OTHER INFORMATION:** If funding is not provided, funds would not be available to pay contractor claims, if required, and project can not be closed out.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Lugar (R-IN), Bayh (D-IN), Burton (IN-05), Visclosky (IN-01)

**DISTRICT:** Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Ohio River Flood Protection, Indiana

AUTHORIZATION: Section 5 of the Flood Control Act of 1936, P.L. 74-738, as amended by P.L. 75-406, and Energy and Water Development Appropriations Act of 1997 (P. L. 104-206)

LOCATION: The project is located in six southern Indiana communities – Lawrenceburg, Jeffersonville-Clarksville, New Albany, Cannelton, Tell City, Evansville.

DESCRIPTION: Major rehabilitation of floodwalls, equipment and drainage pipes at six southern Indiana local flood protection projects along the Ohio River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 5,516
Estimated Non-Federal Cost	1,839
Cash	1,762
Other	77
Total Estimated Cost	\$ 7,355
Allocation thru 2004	\$ 3,274
Allocation for FY 2005	600
Allocation for FY 2006	0
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,642
Benefit to Cost Ratio Applicable rate (5.375%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Repairs to Jeffersonville-Clarksville floodwall.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If funds were available in FY 2008, the Corps of Engineers would award a fully-funded contract to repair corroded metal drainage pipes at Jeffersonville-Clarksville and New Albany, IN. All project work would then be completed by the summer of 2009.

OTHER INFORMATION: This project has been funded with Congressional adds.

ADMINISTRATION POSITION: Inconsistent with Administration policy. Reconstruction of locally operated and maintained flood protection projects is a non-Federal responsibility.

CONGRESSIONAL INTEREST: Lugar (IN), Bayh (IN), Visclosky (IN-01), Hill (IN-09)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Ohio River Greenway Public Access, Indiana

AUTHORIZATION: Section 559, WRDA 96 (P.L. 104-303)

LOCATION: The Ohio River Greenway Corridor is seven miles in length, is located across from Louisville, Kentucky, and adjoins the McAlpine Locks and Dam project and the Falls of the Ohio National Wildlife Conservation Area in the Indiana communities of Jeffersonville, Clarksville, and New Albany.

DESCRIPTION: The Greenway project consists of a corridor 7 miles in length, designed to provide access to the Ohio River and its environmental and recreation amenities. Access would be provided by a parkway, pedestrian and bicycle pathways, interpretive areas, passive recreation areas and trails, and it would integrate the existing and planned riverside development including the Falls of the Ohio State Park and Interpretive Center/Museum, the National Wildlife Conservation Area, and other federal and local river related facilities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 20,850
Estimated Non-Federal Cost	20,850
Cash	14,338
Other	6,512
Total Estimated Cost	\$ 41,700
Allocation thru 2004	\$ 2,519
Allocation for FY 2005	1,599
Allocation for FY 2006	1,980
Allocation for FY 2007	600
Balance to Complete after FY 2007	14,152
Benefit to Cost Ratio Applicable rate (6.875%)	1.9
Benefit to Cost Ratio at 7%	1.8
Remaining Benefits Remaining Costs Ratio at 7%	2.8

FY 2007 ACTIVITIES: Complete construction for the Jeffersonville contract and the New Albany contract, both awarded in FY 2006.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Project was in the President's budget in fiscal years 2001 through 2005. The project was suspended in FY 2006.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Lugar (R-IN), Bayh (D-IN), Hill (IN-9)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Presque Isle

AUTHORIZATION: 1986 Water Resources Development Act (WRDA)

LOCATION: Erie, PA

DESCRIPTION: The project at Presque Isle State Park consists of 55 offshore rubblemound breakwaters along the western length of Presque Isle peninsula and initial placement of approximately 560,000 tons of beach sand fill. Each year approximately 55,000 tons of additional beach nourishment is required to be placed on the beaches to offset impacts of annual erosion. Continued reductions in Federal funding for the required continuing nourishment are responsible for the increasing failure of the project to maintain a stable shoreline after more than a decade of successful operation. This has negated the designed accretion achieved in prior years, primarily at Gull Point.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 56,000
Estimated Non-Federal Cost	56,000
Cash	56,000,000
Other	0
Total Estimated Cost	\$ 112,000*
Allocation thru 2004	\$ 19,729
Allocation for FY 2005	276
Allocation for FY 2006	459
Allocation for FY 2007	90

Benefit to Cost Ratio Applicable rate (~~4.875%~~) 3.64

Benefit to Cost Ratio at 7% 3.0

Remaining Benefits Remaining Costs Ratio at 7% 9.9

\* Annual beach nourishment for 50 years. FY07 is the 15<sup>th</sup> year of nourishment under this agreement.

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FY 2007 ACTIVITIES: Construction activities include completing Plans & Specs and paying a claim for a tax dispute. Beach nourishment activities will be accomplished by the local sponsor due to the Federal funding shortfall.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY2007 activities, as described above, will be completed in summer 2007. Subsequent beach nourishment would be conducted as funding allows on an annual basis.

OTHER INFORMATION: Failure to provide adequate funding for annual nourishment will ultimately lead to breaching of the peninsula and eventually cause complete erosional loss of this human and natural resource. Presque Isle state Park is one of the most highly visited outdoor public area in the nation (4,000,000 visitations annually) and

contains unique habitats supporting several State and Federal endangered species. Reduced Federal funding, especially in the last two years has resulted in significantly less sand placement than necessary. This coupled with the lack of a significant ice cover during the winter of 2005/2006 has caused severe erosion of some of the beaches.

| ADMINISTRATION POSITION: ~~Inconsistent with~~ Administration policy.

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| CONGRESSIONAL INTEREST: ~~Casey~~ (PA); Specter (PA), English (PA-3)

Deleted: does not support beach nourishment projects.

DISTRICT: Buffalo District

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| Date: ~~6 April~~ 2007

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FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Rough River Lake, KY (Dam Safety Assurance)

AUTHORIZATION: Construction of the existing project was authorized under the general authorization for the Ohio River Basin contained in Section 4 of the Flood Control Act of 1938, P.L. 75-761

LOCATION: Rough River Lake, Breckenridge and Grayson Counties, KY

DESCRIPTION: The work consists of correcting three deficiencies in the dam. The outlet bucket and training walls will be lengthened, the effective height of the dam will be raised 5 feet, and excavation of the affected toe of the embankment in order to place an appropriate filter.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 7,163
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 7,163
Allocation thru 2004	\$ 25
Allocation for FY 2005	472
Allocation for FY 2006	2,452
Allocation for FY 2007	4,191
Balance to Complete after FY 2007	23
Benefit to Cost Ratio Applicable rate (6.125%)	40.8
Benefit to Cost Ratio at 7%	35.8
Remaining Benefits Remaining Costs Ratio at 7%	125.6

FY 2007 ACTIVITIES: Award final construction contract for Outlet Works modifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project will complete in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: McConnell (KY), Bunning (KY), Lewis (KY-02)

DISTRICT: Louisville District

Date: 4 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Saw Mill Run Flood Protection Project

AUTHORIZATION: The WRDA of 1986 (Section 401(a) of PL 99-662) authorized the project in accordance with the Report of the Chief of Engineers dated 30 January 1978. The WRDA of 1996 (Section 301(a) of PL 104-303) increased the estimate of the project from \$7,850,000 established in the original authorization to \$12,780,000 (FY 1996 dollars) and the Energy and Water Appropriations Act (Section 147 of PL 108-137) increased the authorization to \$22,000,000.

LOCATION: Pittsburgh, Pennsylvania

DESCRIPTION: This project consists of approximately 4,700 linear feet of channel improvements on the lower portion of Saw Mill Run, commonly referred to as the West End of the City of Pittsburgh. Improvements will consist of a combination of channel excavation, fabriform placement, post and panel and gravity walls. Current level of protection is 5 years. Authorized level is 20 years.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 19,500
Estimated Non-Federal Cost	6,500
Cash	5,250
Other	1,250
Total Estimated Cost	\$ 26,000
Allocation thru 2004	\$ 13,944
Allocation for FY 2005	430
Allocation for FY 2006	688
Allocation for FY 2007	2,940
Balance to Complete after FY 2007	1,498
Benefit to Cost Ratio Applicable rate (5.875%)	0.83
Benefit to Cost Ratio at 7%	3.6
Remaining Benefits Remaining Costs Ratio at 7%)	

FY 2007 ACTIVITIES: Plans and Spec's for a construction contract to complete the project to the authorized level of protection by 6/2007. The construction contract award is 9/2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The project will be fully completed by 9/2008 if funds to complete the project are made available in FY 2007.

OTHER INFORMATION: Construction cost increases caused by differing site conditions necessitated reducing the scope from a 20 year level of protection to a 5 year level.

ADMINISTRATION POSITION: This project is consistent with Administration policy on flood control projects.

CONGRESSIONAL INTEREST: Doyle(PA-14 ), Specter(PA), Casey (PA)

DISTRICT: Pittsburgh

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: White River, Anderson, Indiana

AUTHORIZATION: Section 205, 1948 FCA (PL 80-858), as amended (33 USC 701s)

LOCATION: This project is located along the White River within the city limits of Anderson, Indiana. Anderson is approximately 50 miles northeast of Indianapolis.

DESCRIPTION: The project will address urban flood damages by raising and upgrading approximately 5,000 linear feet of existing levee to protect approximately 130 structures. The existing levee will be raised. A Flood Warning System consisting of U.S. Geological Survey (USGS) gages and a computer/radio alert system will be added.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$ 1,622
Estimated Non-Federal Cost	873
Cash	773
Other	100
Total Estimated Cost	\$ 2,495
Allocation thru 2004	\$ 312
Allocation for FY 2005	7
Allocation for FY 2006	10
Allocation for FY 2007	41
Balance to Complete after FY 2007	\$ 1,252
Benefit to Cost Ratio Applicable rate (6 7/8%)	1.24
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Because of the moratorium on PCA executions, there has been a delay in executing a PCA. Real estate and construction costs will be updated, and a PCA will be prepared. Once these updates are complete, a request will be made for approval to execute the PCA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The PCA could be ready for execution in late FY 2007.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Lugar (IN), Bayh (IN), Pence (IN-06)

DISTRICT: Louisville District

Date: 4 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Village of Albion Water Treatment Plant

AUTHORIZATION: Section 14, 1946 Flood Control Act (P.L. 79-526), as amended.

LOCATION: The village of Albion Water Treatment Plant is located on the south shore of Lake Ontario midway between the Niagara River and the city of Rochester.

DESCRIPTION: The Village of Albion Water Treatment Plant is located on a bluff consisting of glacial till material. This has made the area highly susceptible to erosion over the years.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 442.0
Estimated Non-Federal Cost	235.0
Cash	196.9
Other	38.1
Total Estimated Cost	\$ 677.0
Allocation thru 2004	\$ 122.0
Allocation for FY 2005	0
Allocation for FY 2006	285.0
Allocation for FY 2007	35.0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5 5/5%)	1.4
Benefit to Cost Ratio at 7%	1.3
Remaining Benefits Remaining Costs Ratio at 7% NA	

FY 2007 ACTIVITIES: Revise plans and specifications plus prepare contract documents.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Sept 30, 2008.

OTHER INFORMATION: The project sponsor is the New York State Department of Environmental Conservation. The PCA is expected to be executed by 30 May 2007.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Slaughter (NY-28), Reynolds (NY-26), Clinton (NY), Schumer (NY).

DISTRICT: Buffalo

Date: 3-Apr-07

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Beaver Creek, Frenchburg, Kentucky

AUTHORIZATION: Sec. 205,1948 Flood Control Act, as amended, (33 USC 701s)

LOCATION: The City of Frenchburg is in Menifee County in eastern Kentucky, approximately 50 miles east of Lexington.

DESCRIPTION: Several rainfall events have produced flooding in and around Frenchburg, Kentucky. The Menifee County High School, as well as many businesses and homes in the area receive damages from flooding on a regular basis. A Preliminary Assessment Report was underway to determine the causes of the flooding problems as well as potential solutions for reducing flood damages.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 100
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 100
Allocation thru 2004	\$ 54
Allocation for FY 2005	11
Allocation for FY 2006	0
Allocation for FY 2007	35
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (___%)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Complete an assessment to determine whether there is a Federal interest in flood damage reduction measures, and whether a Feasibility Cost Share Agreement should be pursued with the local sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: An assessment for determining whether to move into a Feasibility Cost Sharing Agreement with the local sponsor will be completed in FY 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rogers (KY-5)

DISTRICT: Louisville

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Brush Creek, Glady Fork, Princeton, WV

AUTHORIZATION: Flood Control Act of 1948 (P.L. 80-858), Section 205, as amended.

LOCATION: Princeton, WV

DESCRIPTION: The project consists of evaluation of flood protection alternatives for Brush Creek and Glady Fork near Princeton, West Virginia. Protection alternatives were identified; interior drainage problems highlighted. No economically viable project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Design / Implementation</u>	
Estimated Federal Cost	\$	75
Estimated Non-Federal Cost		0
Total Estimated Project Cost	\$	75
Allocation thru 2004	\$	50
Allocation for FY 2005		0
Allocation for FY 2006		0
Allocation for FY 2007		25
Balance to Complete after FY 2007		0
Benefit to Cost Ratio Applicable rate		n/a
Benefit to Cost Ratio at 7%		n/a
Remaining Benefits Remaining Costs Ratio at 7%		n/a

FY 2007 ACTIVITIES: Continue Feasibility Phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: September 2007

OTHER INFORMATION: The feasibility study was initiated in FY 2002. Although several structural solutions were identified, the benefit-cost ratio is low due to the cost of pump stations required to maintain interior drainage. Feasibility study activities were completed in FY 2004 with the findings of no economically feasible solutions to the flooding problem. The study was identified for termination in FY 2005, but received no funding to coordinate results with local sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
(CONSTRUCTION - CAP)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Section 205

PROJECT/STUDY NAME: Buckeye Lake, OH

AUTHORIZATION: Flood Control Act of 1948 (P.L. 80-858), Section 205, as amended.

LOCATION: The proposed project is located on the South Fork of the Licking River on the north shore of Buckeye Lake in Licking County, Ohio.

DESCRIPTION: A flood damage reduction study was initiated to determine Federal interest for a project in the Village of Buckeye Lake. Preliminary results of the study determined no Federal interest. However potential exists for development of flood damage reduction measures to be implemented in the watershed upstream of Buckeye Lake.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost *	\$ 604
Estimated Non-Federal Cost	271
Total Estimated Project Cost	\$ 875
* Includes \$100k for Feasibility activities	
Allocation thru 2004	\$ 0
Allocation for FY 2005	40
Allocation for FY 2006	60
Allocation for FY 2007	0
Balance to Complete after FY 2007	504
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Feasibility activities with carryover funds

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Efforts are underway to partner with the South Fork of the Licking Watershed Conservancy District as a non-Federal sponsor to determine if Federal interest exists upstream. The Corps has authority to continue the study.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH), Space (OH-18), Tiberi (OH-12)

DISTRICT: Huntington

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Cazenovia Creek, West Seneca, NY

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, As Amended.

LOCATION: The project site is located along Cazenovia Creek in the town of West Seneca, approximately 2,500 feet upstream of the Mill Road Bridge.

DESCRIPTION: Ice jams are a frequent occurrence along Cazenovia Creek. The project consists of a series of nine steel encased, concrete piers across the creek. The piers are 10-feet high, 5-feet in diameter, and spaced 12-feet apart. A 400-foot long riprap berm was constructed along the right bank to prevent overbank flow from entering the channel in the vicinity of the structure and eroding the land around the piers.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 2,878.6
Estimated Non-Federal Cost	959.6
Cash	223.3
Other	736.3
Total Estimated Cost	\$ 3,838.2
Allocation thru 2004	\$ 674.0
Allocation for FY 2005	1,576.7
Allocation for FY 2006	700.0
Allocation for FY 2007	75.0
Balance to Complete after FY 2007	3.0
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue construction to remove built up debris from recent storm. Complete operation and maintenance manual, and transfer project to sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: SEP 2008.

OTHER INFORMATION: There are several real estate claims that need to be settled resulting in fiscal closeout by early FY 09.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Higgins D-NY-27

DISTRICT: Buffalo

Date: 27-Mar-07



FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Coursin Run, Borough of Lincoln, Allegheny County, PA

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The project area is located on the left bank of Coursin Run within the corporate limits of Lincoln Borough, Allegheny County, Pennsylvania.

DESCRIPTION: Erosion is threatening the structural integrity of Coursin Hollow Road along the right bank of Coursin Run for a distance of approximately 1,260 linear feet. The erosion mechanism appears to be bank scour that occurs during high water events. The bank would be stabilized with stone protection and a series of precast concrete modular retaining walls.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$ 168
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 168
Allocation thru 2004	\$ 118
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Revalidate sponsor support. Complete design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Murphy, PA-18

DISTRICT: Pittsburgh

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Crooked Creek, Madison, Indiana

AUTHORIZATION: Section 14, 1946 FCA (PL 79-526), as amended (33 USC 701r)

LOCATION: The site is located in Madison, Indiana along Crooked Creek, just west of Highway 421. Madison is located along the Ohio River at RM 558.

DESCRIPTION: Streambank erosion along Crooked Creek is threatening a city sewer line and a utility pole. The bank protection plan consists of excavation and re-grading of the bank and placement of approximately 350 cubic yards of bedding stone and 750 cubic yards of riprap for approximately 400 feet along the endangered bank.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 360
Estimated Non-Federal Cost	150
Cash	0
Other	0
Total Estimated Cost	\$ 510
Allocation thru 2004	\$ 60
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	\$ 250
Benefit to Cost Ratio Applicable rate (5 5/8%)	1.27
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: The plans and specs and the construction cost estimate would be updated using FY 07 funds available. A Project Cooperation Agreement would be prepared and executed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction could be complete in FY 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Lugar (IN), Bayh (IN), Hill (IN-9)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Crows Run, Borough of Conway, Beaver County, PA

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The project area is located along the right bank of Crows Run, within the corporate limits of the Borough of Conway, Beaver County, Pennsylvania.

DESCRIPTION: Erosion is threatening the structural integrity of Crows Run Road along the right bank of Crows Run for a distance of approximately 520 linear feet. In the vicinity of the study area the bank has eroded into the roadway. The bank would be stabilized with stone protection and utilization of coir logs.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 96
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 96
Allocation thru 2004	\$ 49
Allocation for FY 2005	-3
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Revalidate sponsor support. Complete design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Altmire, PA-04

DISTRICT: Pittsburgh

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Detroit Beach, Lake Erie, Frenchtown Township, MI

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended.

LOCATION: Frenchtown Township, Michigan

DESCRIPTION: Detroit Beach, Frenchtown Township is located in Monroe County in southeastern Michigan. The purpose of the project is to investigate whether there is federal interest in assisting in replacing the existing structures providing flood control protection to Frenchtown Township.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 210.0
Estimated Non-Federal Cost	\$ 110.0
Cash	\$ 110.0
Other	\$ 0
Total Estimated Cost	\$ 320.0
Allocation thru 2004	\$105.0
Allocation for FY 2005	\$ 30.0
Allocation for FY 2006	\$ 58.0
Allocation for FY 2007	\$ 17.0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate ( __TBD__%)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%)	TBD

FY 2007 ACTIVITIES: Complete feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The Feasibility phase is scheduled to be completed in FY07.

OTHER INFORMATION: A Feasibility Cost Share Agreement was executed in FY05.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Dingell (D) MI-15; Senator Carl Levin (D) MI

DISTRICT: Detroit

Date: 2 April 2007

FACT SHEET  
(CONSTRUCTION - CAP)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Section 205

PROJECT/STUDY NAME: Duck Creek, OH

AUTHORIZATION: Flood Control Act of 1948 (P.L. 80-858), Section 205, as amended.

LOCATION: Washington and Noble Counties, Ohio

DESCRIPTION: The need for a Flood Warning System (FWS) within the Duck Creek Watershed is apparent. During the 1998 flood, estimated damages to the two counties that contain the majority of the watershed (Washington and Noble) were estimated to be approximately \$20,000,000. Within the watershed itself, 5 people died as a result of the flooding. Currently, there are approximately 550 structures within the 100-year floodplain.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 100
Estimated Non-Federal Cost	0
Total Estimated Project Cost	\$ 100
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	100
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Feasibility Phase

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH), Space (OH-18), Wilson (OH-06)

DISTRICT: Huntington

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Dugan Run, Urbana, Ohio

AUTHORIZATION: Sec. 205,1948 Flood Control Act, as amended, (33 USC 701s)

LOCATION: From its headwaters in the east-central part of Champaign Co., Dugan Run flows in a southwesterly direction through the heart of the city of Urbana to its confluence with the Mad River. Dugan Run has a drainage area of 20.7 sq.mi. (13,250 acres).

DESCRIPTION: The city of Urbana has experienced flooding problems and damages along Dugan Run over the past 30 years. Properties affected by the flooding are primarily commercial and industrial sites along the stream.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 100
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 100
Allocation thru 2004	\$ 66
Allocation for FY 2005	\$ 5
Allocation for FY 2006	0
Allocation for FY 2007	\$ 29
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.375%)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Complete an assessment to determine whether there is a Federal interest in flood damage reduction measures, and whether a Feasibility Cost Share Agreement should be pursued with the local sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: An assessment for determining whether to move into a Feasibility Cost Sharing Agreement with the local sponsor will be completed in FY 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Brown (OH), Voinovich (OH), Jordan (OH-4)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Dunkard Creek, Borough of Blacksville, Monongalia County, WV, Streambank Protection Project

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The project area is located along the right bank of Dunkard Creek, within the corporate limits of the Borough of Blacksville, Monongalia County West Virginia.

DESCRIPTION: Erosion is threatening the structural integrity of the main sewer line along the right bank of Dunkard Creek for a distance of approximately 800 linear feet. The bank is approximately 10 to 12 feet high and eroding at approximately 1-1.5 feet per year. The project would stabilize the bank in order to protect the sewer line from being undercut by high water events. Design will be to stabilize the bank with stone protection, gabion baskets, and erosive resistant vegetation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 205
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 205
Allocation thru 2004	\$ 155
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Complete design for the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Mollohan, WV-1

DISTRICT: Pittsburgh

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Elizabeth, South Harrison, IN

AUTHORIZATION: Section 14, 1946 FCA (PL 79-526), as amended (33 USC 701r)

LOCATION: The erosion site is located along an unnamed creek emptying into the Ohio River at approximate stream mile 620.5.

DESCRIPTION: Erosion from backwater of the Ohio River and from an unnamed tributary of the Ohio River are threatening a water supply well. The well field is owned by the Town of Elizabeth, Indiana. The well field provides water for much of Harrison County, Indiana.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 1,235
Estimated Non-Federal Cost	665
Cash	665
Other	0
Total Estimated Cost	\$ 1,900
Allocation thru 2004	\$ 20
Allocation for FY 2005	20
Allocation for FY 2006	25
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (4.875%)	0.1
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: The project will be terminated, and existing documentation, including project cost estimates, will be provided to the sponsor for their use.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: The estimated cost to protect the bank exceeds the cost of relocating the well. Further, the cost of the protection would exceed the Federal cost limit of \$1 million. The project is being terminated because it is not in accord with current Corps policy.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Lugar (IN), Bayh (IN), Hill (IN-9)

DISTRICT: Louisville District

Date: 4 April 2007



FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Feather Creek, Clinton, Indiana

AUTHORIZATION: Section 205, 1948 FCA (PL 80-858), as amended (33 USC 701s)

LOCATION: The City of Clinton, Indiana lies in the southeastern portion of Vermillion County, in west-central Indiana. Terre Haute, Indiana, is located about 15 miles to the south of Clinton. U.S. 41 connects Clinton to Terre Haute to the south.

DESCRIPTION: The existing channel of Feather Creek will be widened to a design bottom width of 24 feet and a total length of 3,300 feet to lessen flood damages to residential and commercial properties in Clinton. The plan includes a flood warning and evacuation plan.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 996
Estimated Non-Federal Cost	313
Cash	263
Other	50
Total Estimated Cost	\$ 1,309
Allocation thru 2004	\$ 411
Allocation for FY 2005	2
Allocation for FY 2006	0
Allocation for FY 2007	47
Balance to Complete after FY 2007	\$ 536
Benefit to Cost Ratio Applicable rate (8 7/8%)	4.0
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Sponsor real estate acquisition has been prolonged on the project, therefore, plans and specs and the construction cost estimate will be updated and environmental documentation reviewed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Real estate acquisition could be complete in late FY 2007. Construction could be initiated in FY 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Lugar (IN), Bayh (IN), Ellsworth (IN-8)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Grand River (NOWS)

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: Grand Haven, MI

DESCRIPTION: The purpose of the project is to protect a community water transmission main that is in jeopardy of failure due to severe erosion which has occurred along the north bank of the Grand River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 250
Estimated Non-Federal Cost	\$ 135
Cash	TBD
Other	TBD
Total Estimated Cost	\$ 385
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 0
Allocation for FY 2007	\$ 250
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Sign PCA and award construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY08.

OTHER INFORMATION: This project is physically located in the City of Grand Haven, MI. However, several communities (including the Village of Spring Lake, City of Ferrysburg, City of Grand Haven, and Spring Lake Township) are involved. Each of these communities are part of the Northwest Ottawa Water System (NOWS). As such, the Ottawa County Road Commission is serving at the non-Federal project sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Hoekstra (R) MI-2

DISTRICT: Detroit

Date: 6-Apr-07

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Hoods Creek, KY

AUTHORIZATION: Section 205, Flood Control Act of 1948 (P.L. 80-858), as amended.

LOCATION: Lower two miles of Hoods Creek in Boyd County just west of Ashland, Kentucky in the community of Flatwoods.

DESCRIPTION: Several residential and commercial structures flood annually, and during 2003, many homes were impacted by multiple floods.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$100
Estimated Non-Federal Cost	0
Total Estimated Project Cost	\$100
Allocation thru 2004	\$ 63
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	37
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue Feasibility Phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: September 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: McConnell (KY), Bunning (KY), Davis (KY-04)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Indianapolis, White River, (North), Indiana

AUTHORIZATION: Section 5 of the Flood Control Act of 1936, P.L. 74-738, as amended by the Flood Control Act of 1936, amendments, P.L. 75-406 and Section 10 of the Flood Control Act of 1946, P.L. 79-526.

LOCATION: The project is located in northern Indianapolis, Indiana.

DESCRIPTION: The project is design to provide flood damage reduction for the Indianapolis, IN communities of Warfleigh and Broad Ripple.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 19,677
Estimated Non-Federal Cost	6,559
Cash	5,359
Other	1,200
Total Estimated Cost	\$ 26,236
Allocation thru 2004	\$ 7,533
Allocation for FY 2005	642
Allocation for FY 2006	3,086
Allocation for FY 2007	2,787
Balance to Complete after FY 2007	5,629
Benefit to Cost Ratio Applicable rate (5.375%)	2.1
Benefit to Cost Ratio at 7%	2.4
Remaining Benefits Remaining Costs Ratio at 7%	4.4

FY 2007 ACTIVITIES: Award option to complete the Broad Ripple contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With sufficient FY 2008 funds, the Corps of Engineers would award a fully-funded contract for construction of the South Warfleigh section and thus complete the remaining project work by late fall 2009.

OTHER INFORMATION: This project was not funded in the FY2008 President's Budget because there were more projects with higher outputs that could be accomplished within the budget limits imposed on the Corps.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Lugar (IN), Bayh (IN), Visclosky (IN-01), Carson (IN-07)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Kanawha River, Charleston, WV (Magic Island to Patrick Street)

AUTHORIZATION: Section 14 Flood Control Act of 1946 (P.L. 79-526), as amended.

LOCATION: Charleston, WV

DESCRIPTION: Subsequent rapid bank retreat have caused bank failure and failed soil erosion creating a steepened bank. These conditions are endangering the entire 1.25 reach of Kanawha River. Additional related failure could result in increasing bank retreat causing possible failure of Kanawha Boulevard.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design / Implementation</u>
Estimated Federal Cost *	\$ 1,000
Estimated Non-Federal Cost	517
Total Estimated Project Cost	\$1,517
* Includes \$40k for PDA activities	
Allocation thru 2004	\$ 5
Allocation for FY 2005	35
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	910
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue Design/Implementation Phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Capito (WV-02)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage and Coastal Storm Reduction

PROJECT/STUDY NAME: Keshequa Creek, Nunda NY

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: Keshequa Creek is located in Livingston County, near Mount Morris Dam, approximately 65 miles southeast of the city of Buffalo, NY.

DESCRIPTION: Frequent overbank flooding affects a number of residences and businesses within the town and village of Nunda.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 350,000
Estimated Non-Federal Cost	250,000
Cash	250,000
Other	0
Total Estimated Cost	\$ 600,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	30,000
Allocation for FY 2007	70,000
Balance to Complete after FY 2007	250,000
Benefit to Cost Ratio Applicable rate (5.125%):	1.27 to 1
Benefit to Cost Ratio at 7%:	0.98 to 1
Remaining Benefits (Remaining Costs Ratio at 7%):	0.98 to 1

FY 2007 ACTIVITIES: Continue work on the initial evaluation to determine if there are other viable flood damage reduction measures. Prepare a detailed Project Management Plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If a Feasibility Cost Share Agreement is signed in FY07, a Feasibility Study could be completed by FY 2010.

OTHER INFORMATION: Under New York State law, the non-Federal sponsor must be the New York State Department of Environmental Conservation.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Thomas M. Reynolds (NY-26), Hillary Clinton (NY), Charles Schumer (NY)

DISTRICT: Buffalo

Date: 3 Apr 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Kinnickinnic River Storm Sewer

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: Milwaukee County, MI

DESCRIPTION: This project provides riverbank erosion protection along a reach of the Kinnickinnic River, between the towns of West Allis and West Milwaukee, in Milwaukee County, Wisconsin. The purpose of the project is to protect five of Milwaukee County's storm water outfalls, and an adjacent road from further erosion damage.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$ 300
Estimated Non-Federal Cost	\$ 162
Cash	TBD
Other	TBD
Total Estimated Cost	\$ 462
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 0
Allocation for FY 2007	\$ 300
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Sign PCA and award construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY08.

OTHER INFORMATION: The Milwaukee Metropolitan Sewerage District is serving as the non-Federal project sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Moore (D) WI-4

DISTRICT: Detroit

Date: 10-Apr-07

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Lenoir City, Lee Drive, TN

AUTHORIZATION: Section 14, Flood Control Act of 1946 (P.L. 79-526), as amended.

LOCATION: Lenoir City, Tennessee

DESCRIPTION: The proposed site is in Lenoir City, Tennessee, about 30 miles from Knoxville. Erosion has severely undercut the bank to within a few feet of a raw water outlet pipe that parallels the Tennessee River for about 10 to 15 feet right next to the intake structure. The study was initiated in April 2004. Preliminary analysis has determined that there is a federal interest in stabilizing the stream bank.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design and Implementation</u>
Estimated Federal Cost	\$ 200
Estimated Non-Federal Cost	100
Cash	100
Other	0
Total Estimated Cost	\$ 300
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	200
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	
Benefit to Cost Ratio at 7%	
Remaining Benefits Remaining Costs Ratio at 7%)	

FY 2007 ACTIVITIES: Initiate and complete the Design/Implementation phase. The construction contract is scheduled for award in July 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Duncan, TN-02

DISTRICT: Nashville

Date: 3 April 2007



FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Limestone Creek, Fayetteville, NY

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: Limestone Creek is located in central New York State in the town of Manlius and Village of Fayetteville, which are suburbs of Syracuse.

DESCRIPTION: Frequent overbank flooding affects a number of residences and the Fayetteville Mall.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 350,000
Estimated Non-Federal Cost	250,000
Cash	250,000
Other	0
Total Estimated Cost	\$ 600,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	30,000
Allocation for FY 2007	70,000
Balance to Complete after FY 2007	250,000
Benefit to Cost Ratio Applicable rate (5.125%):	1.57 to 1
Benefit to Cost Ratio at 7%:	1.24 to 1
Remaining Benefits (Remaining Costs Ratio at 7%):	1.24 to 1

FY 2007 ACTIVITIES: Continue work on this project with the preparation of a detailed Project Management Plan and Feasibility Cost Share Agreement to conduct a feasibility study with the non-Federal sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If a Feasibility Cost Share Agreement is signed in FY07, a Feasibility Study could be completed by FY 2010.

OTHER INFORMATION: Under New York State law, the non-Federal sponsor must be the New York State Department of Environmental Conservation.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: James Walsh (NY-25), Hillary Clinton (NY), Charles Schumer (NY)

DISTRICT: Buffalo

Date: 3 Apr 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Mercer County Flood Warning System, Mercer County, WV

AUTHORIZATION: Flood Control Act of 1948 (P.L. 80-858), Section 205, as amended.

LOCATION: The project area includes the geographic and political limits of Mercer County, West Virginia. Mercer County is located near the southern tip of the state, approximately 100 miles southeast of the capital city of Charleston.

DESCRIPTION: The project includes installation of flood monitoring rain and stream gages throughout the county to supplement the National Weather Services early flood warning system; implementation of an operations and maintenance program for the gages; and an education program to increase public awareness and perception of flood hazards to increase responsiveness to flood warnings.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 114
Estimated Non-Federal Cost	57
Total Estimated Project Cost	\$ 171
Allocation thru 2004	\$ 0
Allocation for FY 2005	104
Allocation for FY 2006	10
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completed in FY 2006.

OTHER INFORMATION: All gaging equipment has been installed and is operational. A dedication ceremony for the project was held on August 2, 2006. The Corps and local sponsor are working to develop a public education program to increase public awareness and responsiveness to flood warnings.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Metro Center Levee, Nashville, TN

AUTHORIZATION: Sec. 205 of the 1948 Flood Control Act (P.L. 80-858), as amended

LOCATION: Metro Center is a 1,000-acre commercial and industrial development along the Cumberland River in Nashville, Tennessee. The complex was developed in the early 1970's and encompasses a variety of businesses engaged in almost every major industry. It contains 70+ property holdings and 200+ companies employing 8,000+ people. Current estimated investments are in excess of \$650M.

DESCRIPTION: A 2.8-mile long levee built by the city in the early 1970's protects Metro Center from flooding. The project consists of protecting the levee's foundation with riprap and raising its height to increase the level of protection from a 100-yr to a 500-yr event. The project has a benefit-cost ratio of 7.4 and net annual benefits of \$2.8M. Construction of the levee and auxiliary gate is complete and the project is in operation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 4,655
Estimated Non-Federal Cost	2,700
Cash	2,080
Other	620
Total Estimated Cost	\$ 7,355
Allocation thru 2004	\$ 4,570
Allocation for FY 2005	-32
Allocation for FY 2006	60
Allocation for FY 2007	57
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	
Benefit to Cost Ratio at 7%	
Remaining Benefits Remaining Costs Ratio at 7%	

FY 2007 ACTIVITIES: Complete construction of repair work and close out the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Cooper, TN-05

DISTRICT: Nashville

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: New Castle, PA (Neshannock Creek)

AUTHORIZATION: Section 14, FCA 1946 (P.L. 79-526), as amended.

LOCATION: Project is in the City of New Castle, Lawrence County, PA.

DESCRIPTION: Erosion is threatening the structural integrity of a 24-inch sanitary sewer line along the left bank of Neshannock Creek near Croton Avenue. The proposed project will stabilize the sanitary sewer line by placing stone protection and vegetation along 1400 feet of streambank.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	\$ 254	681
Estimated Non-Federal Cost	65	519
Cash	65	453
Other	0	66
Total Estimated Cost	\$ 254	1,265
Allocation thru 2004	\$ 94	0
Allocation for FY 2005	21	0
Allocation for FY 2006	102	0
Allocation for FY 2007	37	700
Balance to Complete after FY 2007	0	0
Benefit to Cost Ratio Applicable rate (1.2%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

FY 2007 ACTIVITIES: The PDA was approved Dec. 2006. A PCA will be executed with the non-Federal sponsor and fully funded construction contract will be awarded by the end of FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete construction in 2008.

OTHER INFORMATION: Sponsor has funds in hand to provide their required cost-share.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Altmire, PA-04; Casey, PA

DISTRICT: Pittsburgh

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: North Fork Nolin River, Hodgenville, KY

AUTHORIZATION: Section 14 FCA 1946 (P.L. 79-526), as amended (33 USC 701r)

LOCATION: The project is located on the left bank of the North Fork of the Nolin River, approximately 0.1 miles upstream of the State Highway 210 Bridge in Hodgenville, KY.

DESCRIPTION: Erosion is threatening the Hodgenville Water Treatment Plant's holding tank. The total length of the eroding bank is approximately 260 feet. The project includes riprap protection of the stream bank to halt the erosion.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 321
Estimated Non-Federal Cost	121
Cash	119
Other	2
Total Estimated Cost	\$ 442
Allocation thru 2004	\$ 64
Allocation for FY 2005	17
Allocation for FY 2006	15
Allocation for FY 2007	225
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.375%)	4.6
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Execution of the Project Cooperation Agreement followed by award of the construction project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest date for construction completion is FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: McConnell (KY), Bunning (KY), Lewis (KY-2)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: North Park, IL

AUTHORIZATION: Section 14, Flood Control Act of 1946, (P.L. 79-526), as amended.

LOCATION: This project is located along the banks of the North Branch of the Chicago River adjacent to North Park University on Chicago's North Side between the Kimball Ave. bridge and the Carmen Ave. footbridge.

DESCRIPTION: This project addresses the failure of a steel sheet pile retaining wall along the banks of the North Branch of the Chicago River. Ongoing erosion appears to have compromised the stability of the sheet pile supporting the bank. The failure entails the steel piling tilting riverward, thus producing settlement of the soil immediately landward. Continued failure of the sheet pile would threaten a campus building (Magnuson Hall), as well as a footpath and a parking lot, which already shows the signs of soil settling.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$961.0
Estimated Non-Federal Cost	\$496.0
Cash	\$495.0
Other	\$1.0
Total Estimated Project Cost	\$1,457.0
Allocation thru FY 2004	\$105.0
Allocation for FY 2005	\$111.0
Allocation for FY 2006	\$65.0
Allocation for FY 2007	\$650.0
Balance to Complete After FY 2007	\$30.0
Benefit to Cost Ratio Applicable Rate	4.9
Benefit to Cost Ratio at 7%	4.9
Remaining Benefits Remaining Costs Ratio at 7%	5.8

FY 2007 ACTIVITIES: Complete Planning Design Analysis (PDA). Execute PCA and initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete PDA by June 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Emanuel (IL-5).

DISTRICT: Chicago  
DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: North Sand Branch, Raleigh County, WV

AUTHORIZATION: Section 205, Flood Control Act of 1948 (P.L. 80-858), as amended.

LOCATION: Raleigh County, WV

DESCRIPTION: The area has been subject to flooding from upstream development. Alternatives considered to reduce damages include culvert replacements, low flow weirs, and detention structures. Citizens and local representatives have contacted the Corps regarding flood events along North Sand Branch. Ongoing limited technical assistance is being provided through the Flood Plain Management Support (FPMS) program. The project would be implemented by WVDOT.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 100
Estimated Non-Federal Cost	0
Total Estimated Project Cost	\$ 100
Allocation thru 2004	\$ 0
Allocation for FY 2005	25
Allocation for FY 2006	0
Allocation for FY 2007	25
Balance to Complete after FY 2007	50
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue Feasibility Phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: The Corps' preliminary evaluation concluded that flooding in the area is primarily stormwater flooding given the limited damages incurred; therefore, it does not appear there is a Federal interest in the project. WVDOT has agreed to implement small scale measures such as culvert replacement and flood control weirs in addition to the placement of detention structures to reduce the impacts of the flooding.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Rahall (WV-03)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Protection

PROJECT/STUDY NAME: Painesville, OH

AUTHORIZATION: Section 103 of the 1962 River and Harbor Act, as amended.

LOCATION: The project is located within the limits of the city of Painesville, Ohio and is located at the Lake County Raw Sewage Pump Station.

DESCRIPTION: The Lake County Raw Sewage Pump Station is on the bank of Lake Erie and is subject to erosion from the wave action of lake. A feasibility study is currently being conducted to identify the most feasible alternative with providing shoreline protection measures. Currently, the most feasible plan is a 600 foot revetment.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Feasibility</u>
Estimated Federal Cost	\$ 170.0
Estimated Non-Federal Cost	70.0
Cash	40.0
Other	30.0
Total Estimated Cost	\$ 240.0
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	20.0
Balance to Complete after FY 2007	150.0
Benefit to Cost Ratio Applicable rate (5.625%):	2.79 to 1
Benefit to Cost Ratio at 7%:	2.67 to 1
Remaining Benefits (Remaining Costs Ratio at 7%):	2.67 to 1

FY 2007 ACTIVITIES: Complete the feasibility phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete Feasibility Phase in FY 07.

OTHER INFORMATION: Lake County is the non-Federal sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Steven LaTourette (OH-14), George Voinovich (OH), Sherrod Brown (OH)

DISTRICT: Buffalo

Date: 3 Apr 2007



FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Ohio River, South First Street, Rockport, Indiana

AUTHORIZATION: Section 14, 1946 Flood Control Act, as amended.

LOCATION: The project is located along the Ohio River at approximate river mile 747.5 at Rockport, Indiana.

DESCRIPTION: The project would consist of placing stone riprap along 1400 linear feet of eroded bank to protect South First Street at Rockport as well as a main sewage conveyance culvert located beneath South First Street.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$ 940.0
Estimated Non-Federal Cost	506.0
Cash	500.0
Other	6.0
Total Estimated Cost	\$1,446.0
Allocation thru 2004	???
Allocation for FY 2005	???
Allocation for FY 2006	???
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.375%)	1.7
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Execute the Project Cooperation Agreement and initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Construction completion is expected in the 4<sup>th</sup> quarter of FY 07.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTERESTS: Sen. Lugar (IN); Sen. Bayh (IN); Rep. Hill (IN-9)

DISTRICT: Louisville District

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: City of Salamanca, Cattaraugus County, NY

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The project area is located on the left bank of the Allegheny River within the corporate limits of City of Salamanca, Cattaraugus County, New York.

DESCRIPTION: Erosion is threatening the structural integrity of Front Avenue along the left bank of the Allegheny River for a distance of approximately 500 linear feet. The erosion mechanism appears to be bank scour that occurs during high water events. Design will be to stabilize the bank with stone protection, gabion baskets, and erosive resistant vegetation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 142
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 142
Allocation thru 2004	\$ 104
Allocation for FY 2005	18
Allocation for FY 2006	0
Allocation for FY 2007	20
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%)	TBD

FY 2007 ACTIVITIES: Complete design for project and resolve real estate and PCA issues with the Seneca Nation of Indians.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: Although the City of Salamanca is the project sponsor, the project is located within the Allegheny Indian Reservation boundary. Potentially lengthy negotiation and coordination with the Seneca Nation of Indians will be required in order to execute a PCA and real estate instruments required for construction.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Ruhl, NY-29

DISTRICT: Pittsburgh

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS LINE: Flood and Coastal Storm Damage Reduction

PROJECT NAME: South Suburban Areas of Chicago, IL

AUTHORIZATION: Section 205, FCA of 1948(PL 80-858), as amended.

LOCATION: The study area includes south suburban areas of Chicago, Illinois including Markham, Robbins, Midlothian, Dixmoor and Posen.

DESCRIPTION: The study will investigate a comprehensive solution to flooding in the south suburban areas of Chicago, Illinois including Markham, Robbins, Midlothian, Dixmoor and Posen. Flooding occurs along some of the tributaries of the Little Calumet River resulting in damages to dwellings and businesses along with disruptions to the transportation network.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)	
		<u>Feasibility</u>
Estimated Federal Cost		\$ 300
Estimated Non-Federal Cost		200
Cash		(200)
Other		(0)
Total Estimated Cost		\$ 500
Allocation thru FY 2004		0
Allocation for FY 2005		30
Allocation for FY 2006		70
Allocation for FY 2007		200
Balance to Complete After FY 2007		0
Benefit to Cost Ratio Applicable Rate		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

N/A

FY 2007 ACTIVITIES: Continue feasibility phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: SEP 08.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTERESTS: Bobby Rush (IL-1)

DISTRICT: Chicago

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: St. Joseph Water Treatment Plant

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: St. Joseph, MI

DESCRIPTION: Lake Michigan wave action has created severe shoreline erosion at the St. Joseph Water Plant property at St. Joseph, MI. The most serious threat involves an unearthed a 4" steel line that carries chlorine treatment solution. Additionally, there is concern that erosion on the lake side of an existing sea wall has created the potential for wall failure; this would threaten a road, lift station, miscellaneous water lines critical to Water Plant functionality, and potentially the Water Plant building itself. As such, protecting this approximate 250-foot length of shoreline is of critical interest.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 275
Estimated Non-Federal Cost	\$ 165
Cash	TBD
Other	TBD
Total Estimated Cost	\$ 440
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 175
Allocation for FY 2007	\$ 100
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Sign PCA and award construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 08.

OTHER INFORMATION: The City of St. Joseph, MI is serving at the non-Federal project sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Upton (R) MI-6

DISTRICT: Detroit

Date: 6-Apr-07

FACT SHEET  
(CONSTRUCTION - CAP)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Section 14

PROJECT/STUDY NAME: Tuscarawas Co., Road 1, (Johnson Hill), OH

AUTHORIZATION: Flood Control Act of 1946 (P.L. 79-526), Section 14, as amended.

LOCATION: Left descending bank of Tuscarawas River adjacent to County Road 1 (Johnson Hill Road) south of the Village of Newcomerstown in Oxford Township, Tuscarawas County, Ohio.

DESCRIPTION: This project will provide bank stabilization to protect 170 linear feet of endangered roadway from further exposure and failure.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Design / Implementation</u>	
Estimated Federal Cost *	\$	322
Estimated Non-Federal Cost		159
Total Estimated Project Cost	\$	481
* Includes \$27k for PDA activities		
Allocation thru 2004	\$	25
Allocation for FY 2005		2
Allocation for FY 2006		0
Allocation for FY 2007		272
Balance to Complete after FY 2007		20
Benefit to Cost Ratio Applicable rate	2.63 to 1	
Benefit to Cost Ratio at 7%	n/a	
Remaining Benefits Remaining Costs Ratio at 7%	n/a	

FY 2007 ACTIVITIES: Design/Implementation Phase

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Brown (OH), Voinovich (OH), Space (OH-18)

DISTRICT: Huntington

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: West Fork River, City of Weston, Lewis County, WV

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The project area is located along the right bank of the West Fork River, within the corporate limits of the City of Weston, Lewis County West Virginia.

DESCRIPTION: Erosion is threatening the structural integrity of U.S. Route 19 along the right bank of the West Fork River for a distance of approximately 400 linear feet. In the vicinity of the study area the bank is approximately 18 to 20 feet high and has eroded to the edge of the road. The bank would be protected by a layer of stone protection.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$ 180
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 180
Allocation thru 2004	\$ 91
Allocation for FY 2005	-1
Allocation for FY 2006	0
Allocation for FY 2007	90
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Revalidate sponsor support. Complete design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Mollohan, WV-01

DISTRICT: Pittsburgh

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Zimber Ditch, OH

AUTHORIZATION: Section 205, Flood Control Act of 1948 (P.L. 80-858), as amended.

LOCATION: This project is located in the 14.25 Square miles of the north western portion of the West Nimishillen drainage basin. The Zimber Ditch is mostly located in northern Stark County, with a small portion in southern Summit County.

DESCRIPTION: A feasibility study will be conducted to evaluate structural and nonstructural flood damage reduction measures, including replacing some undersized bridges and widening approximately 6,000 feet of channel. The feasibility study will also address potential sites to detain flow from feeding tributaries of Zimber Ditch or on Zimber Ditch itself.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 7,000
Estimated Non-Federal Cost	3,077
Total Estimated Project Cost	\$ 10,077
Allocation thru 2004	\$ 0
Allocation for FY 2005	40
Allocation for FY 2006	60
Allocation for FY 2007	0
Balance to Complete after FY 2007	6,900
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue feasibility activities with carryover funds.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Although the Corps has authority, minimal Federal funding has not been allocated to continue the work. The \$1M from the congressional naming is no longer available. Additionally, the project is on hold due to a current moratorium on initiating new phases or projects.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Regula (OH-16), Voinovich (OH), Brown, (OH)

DISTRICT: Huntington

Date: 4 April 2007

# COMMERCIAL NAVIGATION



# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Greenup Locks and Dam, KY and OH

AUTHORIZATION: Public Law 106-541, WRDA 2000, Section 101(b)(15)

LOCATION: Greenup Locks & Dam, located on the Ohio River at River Mile 341 near Greenup, KY, was placed in service in 1959.

DESCRIPTION: The proposed project consists of a 600' extension of the auxiliary lock chamber to 1200', installation of a miter gate changeout system, and rehab of the main lock chamber.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 11,300.0
Estimated Non-Federal Cost	0
Total Estimated Cost	\$11,300.0
Allocation thru 2004	\$ 6,760.0
Allocation for FY 2005	1,054.0
Allocation for FY 2006	223.0
Allocation for FY 2007	200.0
Balance to Complete after FY 2007	3,063.0
Benefit to Cost Ratio Applicable rate (5.125%)	6.8
Benefit to Cost Ratio at 7%	4.4
Remaining Benefits Remaining Costs Ratio at 7%	4.8

FY 2007 ACTIVITIES: Funds will be used to continue PED, consisting mainly of completing the Lock Extension Design Documentation Reports (DDR's).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Could complete PED in FY 2008 pending availability of funds.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH), Wilson (OH-06); McConnell (KY), Bunning (KY), Davis (KY-04)

DISTRICT: Huntington

Date: 5 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Upper Ohio River Navigation System Study, PA (Emsworth, Dashields and Montgomery Locks and Dams)

AUTHORIZATION: Resolution adopted by the Committee on Public Works of the US Senate dated May 16, 1955 and resolution adopted by the US House of Representatives Committee on Public Works and Transportation dated March 11, 1982.

LOCATION: Ohio River, PA

DESCRIPTION: Emsworth, Dashields and Montgomery are the uppermost Lock and Dam structures on the Ohio River and are located at river miles 6.2, 13.3 and 31.7, respectively. All three have undersized dual lock chambers, 110' x 600' and 56' x 360', when compared to the other Ohio River navigation facilities. A feasibility study is being conducted to identify the NED Plan, evaluating both 2 for 3 and 3 for 3 lock replacement strategies.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 12,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 12,000
Allocation thru 2004	\$ 552
Allocation for FY 2005	606
Allocation for FY 2006	1,262
Allocation for FY 2007	2,214
Balance to Complete after FY 2007	7,366
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Feasibility Scoping Meeting will be conducted during June 2007. Additional efforts will commence or continue necessary to further develop Feasibility Study Documents and Analysis for the next major milestone of the study (Alternative Formulation Briefing) currently scheduled for April 2009.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Study – FY 2010

OTHER INFORMATION: These facilities are 70+ years of age and exhibit signs of significant structural and operational degradation. The absence of this project in the FY08 budget and past inefficient funding have resulted in delays in planning solutions to the extensive structural and operational degradation problems at these facilities, threatening the integrity of the Ohio River Navigation System.

ADMINISTRATION POSITION: Nav. Sys. improvements are high budgetary priority.

CONG. INTEREST: Specter & Casey-PA; Altmire, PA-4; Doyle, PA-14; Murphy, PA-18

DISTRICT: Pittsburgh

Date: 2 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Replacement Lock, Sault Ste Marie, MI

AUTHORIZATION: Section 1149, WRDA 1986 (PL 99-662); Section 107(a) (8), WRDA 1990 (PL 101-640); Section 330, WRDA 1996 (PL 104-303); Section 330, WRDA 1999 (PL 106-53).

LOCATION: Sault Ste Marie, MI

DESCRIPTION: Construction of a large (Poe-sized lock, 110' by 1200') replacement lock on the site of the existing Davis and Sabin Locks to provide for more efficient movement of waterborne commerce and enhance national security by providing system redundancy for the Poe Lock .

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Construction</u>	FY 2007 (\$000)
Estimated Federal Cost 1/	\$ 323,323	
Estimated Non-Federal Cost 1/	18,390	
Cash	18,390	
Other	0	
Total Estimated Cost 1/	\$ 341,713	
Allocation thru 2004	\$ 9,521	
Allocation for FY 2005	2,110	
Allocation for FY 2006	1,485	
Allocation for FY 2007	507	
Balance to Complete after FY 2007	311,820	
Benefit to Cost Ratio Applicable rate (5.625%)	0.73	
Benefit to Cost Ratio at 7%	0.7	
Remaining Benefits Remaining Costs Ratio at 7%)	0.7	

1/ Estimated Federal share is \$260,386,000 and estimated non-Federal share is \$81,327,000. Based on project authorization, non-Federal sponsor may repay their share over 50 year period without interest. Therefore, total project cost less the non-Federal contributions during the construction period (\$18,390,000) would be Federally Funded.

FY 2007 ACTIVITIES: Limited design work on the lock chamber, channel deepening, and guide walls will be accomplished. Additional efforts will also take place to reexamine the project benefits.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Plans and specifications for project dewatering have been prepared and could be awarded by September 2008 with approval of ASA(CW) and execution of the Project Cooperation Agreement.

OTHER INFORMATION: The non-Federal sponsor is the Great Lakes Commission (GLC). Non-Federal cost sharing is to be provided by the 8 Great Lakes States, based upon a cost sharing formula developed by the Great Lakes States and the GLC.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Levin (MI), Stabenow (MI), Voinovich (OH), Stupak (MI-1), Ehlers (MI-3), Knollenberg (MI -9), Oberstar (MN-8), Obey (WI-7).

DISTRICT: Detroit

Date: 6 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Winfield Locks and Dam, Kanawha River, WV

AUTHORIZATION: Supplemental Appropriations Act, 1985 (P.L. 99-88), Chapter IV as amended by the Water Resources Development Act of 1986 (P.L.99-662), Section 301

LOCATION: The new lock chamber is located on the right descending bank of the Kanawha River (River Mile 31.1) near Eleanor, WV.

DESCRIPTION: The project includes the construction of an additional 110 by 800-foot lock on the right descending bank landward of the existing locks, a 110-foot wide non-navigable gate bay, and a new operations building. Remaining activities include the identification and implementation of systems mitigation features.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>CONSTRUCTION</u>
Estimated Federal Cost	\$ 234,205
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 234,205
Allocation thru 2004	\$ 228,157
Allocation for FY 2005	534
Allocation for FY 2006	216
Allocation for FY 2007	5,298
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.125%)	6.2
Benefit to Cost Ratio at 7%	4.7
Remaining Benefits Remaining Costs Ratio at 7%	397.1

FY 2007 ACTIVITIES: Funds will be used to continue the Systems Mitigation Draft Environmental Assessment (EA) and complete the EA public circulation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Capito (WV)

DISTRICT: Huntington

Date: 5 April 2007

# CONTINUING AUTHORITIES PROGRAM



FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Harbor of Refuge, Two Harbors, MN

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Two Harbors, MN, located approximately 28 miles northeast of Duluth, MN

DESCRIPTION: The Two Harbors project is located in Lake County on the north shore of Lake Superior about 28 miles northeast of the Duluth Harbor entrance. The project is construction of a Harbor of Refuge in Agate Bay immediately adjacent to the commercial shipping area. The proposed project would include a 6.5 to 8 acre boat basin and associated facilities, including a breakwater, a marina for 160-170 slips, a basin to accommodate 50-75 boats as a harbor of refuge.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 4,000
Estimated Non-Federal Cost	11,000
Cash	TBD
Other	TBD
Total Estimated Cost	\$ 15,000
Allocation thru 2004	\$ 619.5
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	25
Balance to Complete after FY 2007	3,355.5
Benefit to Cost Ratio Applicable rate (____%)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Revise project cost estimate and prepare economic analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY09, if funded in FY08.

OTHER INFORMATION: The State of Minnesota has completed acquisition of the property so that required archeological and environmental surveys can be performed. A draft Project Cooperation Agreement (PCA) has been sent to the State, but can only be executed after the PCA moratorium is lifted.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Oberstar D-FL (MN-8)

DISTRICT: Detroit  
Date: 6-Apr-07

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Northwestern Michigan College

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Traverse City, MI

DESCRIPTION: The project is located at the Maritime Academy Harbor on the Northwestern Michigan College campus in Traverse City, MI. The sponsor has requested assistance to reconfigure the eastern arm of the harbor to provide a protected berth for vessels and to reduce the amount of shoaling and subsequent dredging currently required.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 260
Estimated Non-Federal Cost	\$ 160
Cash	TBD
Other	TBD
Total Estimated Cost	\$ 420
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 45
Allocation for FY 2006	\$ 54
Allocation for FY 2007	\$ 1
Balance to Complete after FY 2007	\$ 159
Benefit to Cost Ratio Applicable rate (____%)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%)	TBD

FY 2007 ACTIVITIES: Prepare a detailed Project Management Plan (PMP) which will be coordinated and negotiated with the non-Federal sponsor in advance of receiving approval to execute a Feasibility Cost Sharing Agreement (FCSA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY09 for Feasibility Phase if funded early in FY08.

OTHER INFORMATION: Approval to sign a FCSA will be necessary in order to continue with the feasibility phase.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Levin (D), Stabenow (D), Camp (R) MI-4

DISTRICT: Detroit

Date: 6-Apr-07

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Wurtland Navigation Channel Improvement, Greenup and Boyd Counties, KY

AUTHORIZATION: Section 107 Rivers and Harbors Act of 1960, (P.L. 86-645), as amended.

LOCATION: The proposed project is located on the left descending bank of the Ohio River (River Mile 332) in Wurtland, Kentucky near the Greenup / Boyd County line.

DESCRIPTION: The proposed channel improvement is located in a slackwater area of the Ohio River and would facilitate the sponsor's development of a commercial port for public use. This area of the Ohio River lacks sufficient loading and unloading facilities. This industrial site has ample storage facilities with direct connection to other modes of transportation, such as railroad and highway. The initial portion of this study is to determine whether or not there is a Federal interest to participate / cost share in the development of a harbor at this location.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design / Implementation</u>
Estimated Federal Cost *	\$3,965
Estimated Non-Federal Cost	433
Total Estimated Project Cost	\$4,398
* Includes \$65k for Feasibility activities	
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	40
Allocation for FY 2007	25
Balance to Complete after FY 2007	3,900
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue Feasibility Phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: None

ADMINISTRATION POSITION: Not consistent with Administration policy.

CONGRESSIONAL INTEREST: McConnell (KY), Bunning (KY), Davis (KY-04)

DISTRICT: Huntington

Date: 4 April 2007

# OPERATION AND MAINTENANCE

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Alpena Harbor, Michigan

AUTHORIZATION: Rivers and Harbors Acts of 19 Sep 1890, 2 Mar 1919, 22 Sep 1922, 30 Aug 1935, and 27 Oct 1965.

LOCATION: Located at the mouth of the Thunder Bay River, which empties into the Thunder Bay, Lake Huron

DESCRIPTION: Deep draft commercial harbor with approximately 12,000 feet of maintained channel and 700' of maintained breakwater structures. Project depth varies from 25 feet at the channel entrance to 18.5 feet at the upstream end.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	0
Allocation for FY 2006	258
Allocation for FY 2007	429
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Completing sediment samples, design, plans and specs, and an Environmental Assessment and awarding a contract to complete maintenance dredging of the Alpena harbor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: All on-going efforts are scheduled for completion during FY07.

OTHER INFORMATION: FY07 allocation will be added to FY06 allocation that was carried over to fund this more comprehensive dredging contract. No dredging is required in FY08.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Levin – Michigan, Stabenow – Michigan, Stupak – MI01

DISTRICT: Detroit

Date: 6 April 2007

**FACT SHEET  
OPERATIONS AND MAINTENANCE ACCOUNT**

**BUSINESS PROGRAM:** Navigation

**PROJECT NAME:** Burns Waterway Harbor, IN

**AUTHORIZATION:** Rivers and Harbors Act of 1965.

**LOCATION:** This project is located in Portage, Indiana.

**DESCRIPTION:** The navigation project consists of a north breakwater (4,630 feet of rubblemound structure), a west breakwater (1,200 feet of rubblemound structure), a 400 foot wide approach channel at -30.0 ft. L.W.D (Low Water Datum); Outer Harbor Basin at -28.0 L.W.D. and East and West Harbor Arms at -27.0 ft. L.W.D.

<b><u>SUMMARIZED FINANCIAL DATA (\$000):</u></b>	<b><u>FY 2007 (\$000)</u></b>
	<b><u>O&amp;M</u></b>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Project Cost	N/A
Allocations thru FY 2004	N/A
Allocation for FY 2005	\$4,064
Allocation for FY 2006	800
Allocation for FY 2007	\$3,591
Balance to Complete After FY 2007	N/A

**FY 2007 ACTIVITIES:** Completed dredging 31,500 cy near the Bailey (NIPSCO) intake structure (outside Federal channel). Plan to dredge 150,000 cy from the center half-width of the Navigation Channel in all critical areas of the Outer Basin, West Harbor Arm and East Harbor Arm. Plan to dredge additional 200,000 cy near the Bailey (NIPSCO) intake structure (outside Federal channel).

**EARLIEST ATTAINABLE COMPLETION FOR PHASE:** N/A

**OTHER INFORMATION:** All environmental issues for both dredging projects have been resolved. State of Indiana water quality permit was issued in February 2007 for Burns Harbor dredging – up to a maximum of 150,000 cy per year of open water disposal for dredged material from the harbor. The Bailey (NIPSCO) Intake dredge material will be used as beach nourishment.

**ADMINISTRATION POSITION:** Dredging of Federal channel is consistent with Administration policy, but dredging outside the Federal channel is inconsistent with Administration policy.

**CONGRESSIONAL INTEREST:** Visclosky (IN-1)

**DISTRICT:** Chicago

**DATE:** 2 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Dunkirk Harbor, NY

AUTHORIZATION: 1910 (PL 264) River and Harbor Act, and Section 201 of the 1965 (PL 89-298) Flood Control Act.

LOCATION: Dunkirk Harbor is located on the southern shore of Lake Erie, 40 miles southwest of Buffalo, NY, 50 miles northeast of Erie, PA, in Chautauqua County, NY.

DESCRIPTION: Deep draft shipping channels and navigation structures provide a protective harbor for commercial navigation and waterfront development in the city of Dunkirk, Chautauqua County, NY. The inner, outer, access and dock front channels total approximately 7,000 feet in length and require maintenance dredging approximately every two years. Dredged material is placed in an open-lake disposal area. The 1.33 mile long system of protective breakwaters requires periodic inspection and repair.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$38
Allocation for FY 2006	\$0
Allocation for FY 2007	\$3
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Funding in the amount of \$3,000 was received in the FY07 Work Plan for initiation of harbor Project Condition Surveys.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete for FY07.

OTHER INFORMATION: Funds are inadequate to complete project condition surveys of commercial federal navigation channel. If surveys cannot be completed, commercial shipping interests will not have information on shoaling and overall channel conditions. This could result in unsafe conditions and vessel groundings. Dunkirk Harbor serves the NRG Energy power plant and a number of recreational interests, including charter fishing and recreational marinas.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Higgins, D-NY-27

DISTRICT: Buffalo

Date: 6 April 2007



FACT SHEET  
OPERATIONS & MAINTENANCE, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Elk River Harbor, WV

AUTHORIZATION: River and Harbor Act of 1910 (P.L. 61-264)

LOCATION: The Elk River is a major tributary of the Kanawha River; its confluence with the Kanawha River is at river mile marker 57.8, located near the center of the Charleston, West Virginia.

DESCRIPTION: The project consists of dredging the Elk River from its confluence with the Kanawha River upriver for 2.6 miles.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	0
Cash	( 0)
Other	( 0)
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	N/A
Allocation for FY 2006	9,000
Allocation for FY 2007	0
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Conduct a hydrographic survey to determine current channel conditions with carryover funds.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: The harbor has not been dredged since FY 2003. The estimated cost to dredge Elk River Harbor is \$360,000.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Capito (WV-02)

DISTRICT: Huntington

Date: 5 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Erie Harbor, PA

AUTHORIZATION: 1899, 1910 (PL 264), 1935 (PL 409), 1960 (PL 86-645), 1962 (PL 87-874) River and Harbor Acts.

LOCATION: Erie Harbor is located on Presque Isle Bay along the southeastern shore of Lake Erie, in Erie County, PA.

DESCRIPTION: Deep draft shipping channels and navigation structures provide a protective harbor for commercial navigation and waterfront development in the city of Erie, Erie County, PA. The harbor basin and 2.4 mile entrance channel require maintenance dredging on an as-needed basis. Dredged material is placed in a 23-acre Confined Disposal Facility (CDF) that is located adjacent to the south pier. The system of protective breakwaters consists of the north and south pier and total approximately one mile in length. The piers and CDF require periodic inspection and repair.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$51
Allocation for FY 2006	\$0
Allocation for FY 2007	\$3
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Funding in the amount of \$3,000 was received in the FY2007 Work Plan for initiation of harbor Project Condition Surveys.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete in FY2007.

OTHER INFORMATION: Funds are inadequate to complete project condition surveys of commercial federal navigation channel. If surveys cannot be completed, commercial shipping interests will not have information on shoaling and overall channel conditions. This could result in unsafe conditions and vessel groundings. Harbor is considered to be high use with 1.1M tons shipped or received in 2004. Major commercial interests include the Erie-Western Pennsylvania Port Authority, Erie Sand and Gravel Company. Major commodities include limestone, aggregates, and coal. Other interests include the U.S. Coast Guard and numerous recreational marinas.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: English, R-PA-3

DISTRICT: Buffalo

Date: 6 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Fairport Harbor, OH

AUTHORIZATION: 1905 (PL 215), 1919 (PL 323), 1927 (PL 560), 1930 (PL 520), 1935 (PL 409) River and Harbor Acts.

LOCATION: Fairport Harbor is located on the south shore of Lake Erie, 33 miles east of Cleveland, OH, and 27 miles west of Ashtabula, OH in Lake County, OH.

DESCRIPTION: Project features include deep draft shipping channels and navigation structures that provide a protective harbor for commercial navigation and waterfront development in the city of Fairport Harbor, Lake County, OH. Significant shoaling occurs in the outer harbor and river to require maintenance dredging approximately every one to two years. Dredged material is placed in a permitted open-lake disposal area. The 2.2 mile long system of protective breakwaters requires periodic inspection and repair.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$974
Allocation for FY 2006	\$0
Allocation for FY 2007	\$66
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Funding in the amount of \$66,000 was received in the FY 2007 Work Plan for initiation of Structure Repair, Maintenance Dredging and Engineering and Design/Construction: Addition of Safety Ladders to the East Pier. There is insufficient funding to complete activities in FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of activities scheduled for FY 2007 can occur in the first fiscal year that funds are provided.

OTHER INFORMATION: Funding is inadequate to complete scheduled project condition surveys, maintenance dredging, repair of the east breakwater and installation of safety ladders on the east pier. If surveys cannot be completed, commercial shipping interests will not have information on shoaling and overall channel conditions. Unsafe conditions and vessel groundings were reported in 2006. Last year's channel surveys report outer harbor has shoaling up to 15 feet and reduced channel width up to 50 percent. The controlling depth in the inner harbor is reduced by at least six feet. The east breakwater provides a protective harbor for commercial navigation and protects shoreline development from storm damage. If the east breakwater is not repaired, it will

continue to deteriorate and eventually fail. Fairport is a high use commercial harbor with 2.3M tons shipped or received in 2004. Major commercial interests include Carmuse Lime, Morton International, Incorporated, Northeastern Road Improvement Company, Osborne Concrete & Stone, and Sidley Stone Products. Other interests include the U.S. Coast Guard, the Fairport Harbor Port Authority, as well as numerous charter fishing businesses and recreational marinas.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: LaTourette, R-OH-14

DISTRICT: Buffalo

Date: 6 April 2007

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Frankfort Harbor, Michigan

AUTHORIZATION: Rivers and Harbors Acts of 23 Jun 1866, 3 Mar 1925, 26 Aug 1937, and 27 Oct 1965.

LOCATION: Located on the east shore of Lake Michigan, 204 miles northeast of Chicago, IL and 28 miles north of Manistee, MI.

DESCRIPTION: Deep draft commercial harbor with approximately one half mile of maintained channel and 6,400 feet of maintained structures, including breakwaters, piers, and revetments. Project depth varies from 22 to 24 feet in the entrance and outer basin to Lake Betsie; 18 feet deep in the Lake Betsie basin and 10 feet deep in the Lake Betsie anchorage area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	0
Allocation for FY 2006	33
Allocation for FY 2007	0
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: None

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Work completed in FY06 includes project condition surveys, structural inspections, and other operational features.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Levin – Michigan, Stabenow – Michigan, Hoekstra – MI02

DISTRICT: Detroit

Date: 6 April 2007

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Grand Marais Harbor, Michigan

AUTHORIZATION: Rivers and Harbors Acts of 14 June 1880 and 17 May 1950.

LOCATION: West shore of Lake Superior, 93 miles west of Sault Ste Marie, Michigan.

DESCRIPTION: Deep draft harbor, however, current use is primarily recreational. Approximately 3,000 feet of maintained channel, 4,000 feet of maintained piers, and a 5,770 feet long pile dike breakwater that is currently in ruins. Project depth varies between 18 and 20 feet.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ 8,198 1/
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ 8,198
Allocation thru 2004	\$ N/A
Allocation for FY 2005	170
Allocation for FY 2006	1,028
Allocation for FY 2007	500
Balance to Complete after FY 2007	6,500

1/ Estimate for breakwater repair project. O&M project would be N/A/

FY 2007 ACTIVITIES: Current repair project consists of reconstructing the pile dike breakwater, currently in ruins. Activities to be completed in FY07 include the Biological Assessment, Environmental Assessment, Final Plans and Specifications along with design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Reconstruction of the breakwater could be completed during FY09, if funding was provided.

OTHER INFORMATION: The contract will be ready to advertise in FY08, if funds become available to fully fund the contract.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Levin – Michigan, Stabenow – Michigan, Stupak – MI01

DISTRICT: Detroit

Date: 2 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Huron Harbor, OH

AUTHORIZATION: 1905 (PL 215), 1919 (PL 323), 1935 (PL 409), 1962 (PL 87-874)  
River and Harbor Acts.

LOCATION: Huron Harbor is located on the southern shore of Lake Erie at the mouth of the Huron River, 47 miles west of Cleveland, OH in Erie County, OH.

DESCRIPTION: Project features include deep draft shipping channels and navigation structures that provide a protective harbor for commercial navigation and waterfront development in the city of Huron, Erie County, OH. The turning basin, lake approach, entrance, and river channels total approximately two miles in length and require maintenance dredging approximately every one to two years. Dredged material is disposed of in a permitted open lake disposal area. The system of protective breakwaters consists of the west pier and east breakwater and total approximately one mile in length. The system of protective breakwaters and the previously used Confined Disposal Facility require regular inspection and repair.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$811
Allocation for FY 2006	\$94
Allocation for FY 2007	\$106
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Funding in the amount of \$106,000 was received in the FY07 Work Plan for initiation of Project Condition Surveys and Maintenance Dredging. There is insufficient funding to complete activities in FY07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of activities scheduled for FY 2007 can occur in the first fiscal year that funds are provided.

OTHER INFORMATION: Funding is inadequate to complete scheduled project condition surveys and maintenance dredging. If surveys cannot be completed, commercial shipping interests will not have information on shoaling and overall channel conditions. Unsafe conditions and vessel groundings were reported in 2006. Last year's channel surveys report five feet of shoaling across the entire channel width. Huron Harbor serves a number of commercial and recreational interests. Major commercial interests include the Huron Port Authority, Norfolk Southern, ConAgra Food Ingredients



Co. and Huron Lime Inc. Major commodities include grain, limestone, and ore. Other interests include numerous recreational marinas.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Kaptur, D-OH-9

DISTRICT: Buffalo

Date: 6 April 2007

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Lac La Belle Harbor, Michigan

AUTHORIZATION: Rivers and Harbors Act of 2 Mar 1945.

LOCATION: Located on the south shore of Lake Superior on the Keweenaw Peninsula.

DESCRIPTION: Shallow draft recreational harbor with approximately one and one half miles of maintained channel and 1150 feet of maintained breakwaters and piers. Project depth varies from 10 to 12 feet.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	0
Allocation for FY 2006	82
Allocation for FY 2007	0
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: None

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Work completed in FY06 includes project condition surveys, structural inspections, and other operational features.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Levin – Michigan, Stabenow – Michigan, Stupak – MI01

DISTRICT: Detroit

Date: 2 April 2007

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Ludington Harbor, Michigan

AUTHORIZATION: Rivers and Harbors Acts of 2 Mar 1867, 3 Mar 1899, 2 Mar 1907, and 31 Dec 1970.

LOCATION: Located on the east shore of Lake Michigan, 156 miles northeast of Chicago, IL and 67 miles north of Grand Haven, MI.

DESCRIPTION: Deep draft commercial harbor with over one mile of maintained channel and 8,700 feet of maintained structures, including breakwaters, piers, and revetments. Project depth varies from 27 and 29 feet in the entrance channel and 18 feet in the basins.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	503
Allocation for FY 2006	446
Allocation for FY 2007	177
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Completion of project condition surveys and structural repairs by government floating plant.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: All on-going efforts are scheduled to be completed during FY07.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Levin – Michigan, Stabenow – Michigan, Hoektra – MI02

DISTRICT: Detroit

Date: 6 April 2007

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Manitowoc Harbor, Wisconsin

AUTHORIZATION: Rivers and Harbors Acts of 2 Mar 1907, 30 Aug 1935, 26 Aug 1937, 23 Oct 1962, 14 Jul 1960, and 31 Dec 1968.

LOCATION: Located on the west shore of Lake Michigan about 79 miles north of Milwaukee, WI, and about 106 miles from Sturgeon Bay Harbor and the Lake Michigan Ship Canal.

DESCRIPTION: Deep draft commercial harbor with 2.5 miles of maintained channel and over 4,100 feet of maintained structures including breakwaters and piers. Project depth varies from 22 to 25 feet in the entrance and inner channels and 12 feet at the upper end of the project. There is also a 10 feet deep recreational navigation channel adjacent to the confined disposal facility.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	0
Allocation for FY 2006	401
Allocation for FY 2007	650
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: FY07 activities include project condition surveys, design and preparation of plans and specification and award of a maintenance dredging contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: All efforts are scheduled to be completed during FY07.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Kohl – Wisconsin, Feingold – Wisconsin, Petri – WI06

DISTRICT: Detroit

Date: 6 April 2007

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Monroe Harbor, Michigan

AUTHORIZATION: Rivers and Harbors Acts of 24 Feb 1835, 3 Jul 1930, 14 Jul 1932, and 26 Aug 1937.

LOCATION: Located on the lower reach of the Raisin River, which empties into Lake Erie, 36 miles south of Detroit, MI.

DESCRIPTION: Deep draft commercial harbor with approximately 28,000 feet of maintained channel. Project depth varies from 21 feet in Lake Erie to the turning basin, which is maintained at 18 feet.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	172
Allocation for FY 2006	488
Allocation for FY 2007	0
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: No funds allocated for FY2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A.

OTHER INFORMATION: If funds in the amount of \$500,000 are reprogrammed, FY07 activities would include completing design, plans and specs, and awarding a contract to complete maintenance dredging of the Monroe Harbor upstream of the area dredged in FY06. If dredging not completed, DTE Energy will not be able to receive coal shipments.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Levin – Michigan, Stabenow – Michigan, Dingell – MI15

DISTRICT: Detroit

Date: 6 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Oswego Harbor, NY

AUTHORIZATION: 1930 (PL 520), 1935 (PL 409), 1962 (PL 87-874) River and Harbor Acts.

LOCATION: Oswego Harbor is located at the mouth of the Oswego River on Lake Ontario, in Oswego County, NY.

DESCRIPTION: Deep draft shipping channels and navigation structures provide a protective harbor for commercial navigation and waterfront development in the city of Oswego, Oswego County, NY. The 280- acre outer harbor and the 3,000 foot river channel require maintenance dredging approximately every two to four years. Dredged material is placed in an open-lake disposal area. The 1.94 mile long system of protective breakwaters requires periodic inspection and repair as necessary.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$1,028
Allocation for FY 2006	\$0
Allocation for FY 2007	\$131
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Funding in the amount of \$131,000 was received in the FY 2007 Work Plan for initiation of Engineering and Design: East and West Breakwater Repair and Maintenance Dredging. There is insufficient funding to complete activities in FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of activities scheduled for FY 2007 can occur in the first fiscal year that funds are provided.

OTHER INFORMATION: Funding is inadequate to complete scheduled project condition surveys, maintenance dredging, and preparation of plans and specification for repair of the east and west breakwaters. If surveys cannot be completed, commercial shipping interests will not have information on shoaling and overall channel conditions. The harbor was last dredged in 2004 and requires dredging every other year. If the harbor is not dredged, shoaling will continue and result in unsafe navigation conditions and possible vessel groundings. With 371,000 tons shipped or received in 2004, the breakwaters in Oswego Harbor are severely deteriorated. The structures provide a protective harbor for commercial vessels and prevent storm damage to shoreline

development. If the structures are not repaired, they will continue to deteriorate and eventually fail. Oswego Harbor serves a number of commercial and recreational interests. Major commercial interests include NRG Energy, Sprague Energy Corporation, Lafarge Cement and Essroc Cement. Recent improvements to the Port of Oswego could significantly increase ship traffic. Other interests include the U.S. Coast Guard and numerous recreational marinas.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: McHugh, D-NY-23

DISTRICT: Buffalo

Date: 06 April 2007

FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Port Washington Harbor, Wisconsin

AUTHORIZATION: Rivers and Harbors Acts of 11 Jul 1870, 14 Aug 1876, 30 Aug 1935, and 3 Jul 1958.

LOCATION: Located on the west shore of Lake Michigan, about 53 miles south of Manitowoc and about 29 miles north of Milwaukee, WI.

DESCRIPTION: Deep draft commercial harbor with over one half mile of maintained channel and about 3,000 feet of maintained structures, including breakwaters and piers. Project depth is 21 feet in the entrance and 18 feet in the inner basins.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	0
Allocation for FY 2006	189
Allocation for FY 2007	0
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: None

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Work completed in FY06 includes project condition surveys, structural inspections, and other operational features.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Kohl – Wisconsin, Feingold – Wisconsin, Petri – WI06

DISTRICT: Detroit

Date: 6 April 2007



FACT SHEET  
Operations and Maintenance  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Rouge River, Michigan

AUTHORIZATION: Rivers and Harbors Acts of 8 Aug 1917, 30 Aug 1935, 3 Jul 1958, and 23 Oct 1962.

LOCATION: The Rouge River originates in Oakland and Washtenaw Counties, MI. The river is 30 miles long, flows southeast through Wayne County, and joins the Detroit River at the westerly limit of the City of Detroit. The navigation channel is located on the lower 2 ½ miles of the river.

DESCRIPTION: Deep draft commercial channel with a total of 4.5 miles of Federal channels and one turning basin. Project depth varies from 21 feet in the Cut-off and Main Rouge channel to 18 to 15 feet in the Old Rouge channel.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations and Maintenance</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	
Other	
Total Estimated Cost	\$ N/A
Allocation thru 2004	\$ N/A
Allocation for FY 2005	1,160
Allocation for FY 2006	1,035
Allocation for FY 2007	20
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Completion of sediment samples.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: All efforts are scheduled to be completed during FY07.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Levin – Michigan, Stabenow – Michigan, Kilpatrick – MI13

DISTRICT: Detroit

Date: 6 April 2007

# ENVIRONMENT

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Little Kanawha River, WV

AUTHORIZATION: Resolution of the Committee on Environmental and Public Works of the U. S. Senate, adopted 21 March 1989.

LOCATION: On the Little Kanawha River at Lock and Dam #2 near Elizabeth, West Virginia.

DESCRIPTION: Wells Lock & Dam was constructed by the Corps in the 1800's and turned over to WVDNR in the 1950's for ownership, operations & maintenance. The dam has deteriorated. The project consists of restoration and stabilization of Lock and Dam #2 including re-establishment of a fish passage.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$ 453.0
Estimated Non-Federal Cost	453.0
Cash	226.5
Other	226.5
Total Estimated Cost	\$ 906.0
Allocation thru 2004	\$ 27.0
Allocation for FY 2005	167.0
Allocation for FY 2006	109.0
Allocation for FY 2007	20.0
Balance to Complete after FY 2007	130.0
Benefit to Cost Ratio Applicable rate (____%)	
Benefit to Cost Ratio at 7%	
Remaining Benefits Remaining Costs Ratio at 7%	

FY 2007 ACTIVITIES: Funds will be used to prepare a Project Management Plan and negotiate a feasibility cost share agreement with the potential sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If funding is available feasibility study could be completed by FY 2009.

OTHER INFORMATION: Pending negotiation of feasibility cost share agreement

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Capito (WV-02), Mollohan (WV-1)

DISTRICT: Huntington

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Onondaga Lake, NY

AUTHORIZATION: Section 573, WRDA 1999 (P.L. 106-53), as amended by Section 131 of the Energy & Water Development Appropriations Act, 2006 (P.L. 109-103)

LOCATION: Onondaga Lake is located in central New York, and is part of the New York State Barge Canal System and Oswego River System. The city of Syracuse is located along the south shore of the lake.

DESCRIPTION: The Buffalo District leads the Onondaga Lake Partnership (OLP) to coordinate numerous local, state, and federal projects to restore, preserve, and manage the lake to the benefit of the residents of Onondaga County, the Onondaga Tribal Nation, and the environment. The District Commander chairs the Executive Committee and provides overall leadership for the OLP. District staff serve on the Project and Outreach Committees to provide technical, financial, and public relations expertise. The District leads and manages a multi-agency team that is conducting the Watershed Management Study of the entire Onondaga Lake watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000) Study</u>
Estimated Federal Cost	\$ 10,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 10,000
Allocation thru 2004	\$ 2,955
Allocation for FY 2005	\$ 660
Allocation for FY 2006	\$ 742
Allocation for FY 2007	\$ 535
Balance to Complete after FY 2007	\$ 5,108
Benefit to Cost Ratio	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Lead and administer the OLP through chairmanship of the Executive Committee; active participation on OLP Standing Committees; coordination and participation at annual Onondaga Lake Day event; leadership and coordination of the OLP Annual Progress Meeting; and proactive program and project management. A technical scope of services for development of the State of the Watershed Report will be developed as part of the ongoing Watershed Management Study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: In accordance with the Section 573 authorization, the partnership shall terminate not later than 15 years after the date of enactment or 17 August 2014 (FY 2014).

OTHER INFORMATION: Since OLP authorization, the Buffalo District has received at least a minimum level of budgetable General Investigation (GI) funding to support a basic level of OLP leadership & participation. Active USACE participation in the OLP is critical to preserving the viability of the Partnership. The state & local OLP Partners, stakeholders, and local stewards of the Onondaga Lake environment rely upon Corps Federal funding as the foundation for continued planning, design, and implementation of projects for lake water quality improvements.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Walsh (NY-25), Clinton (NY), Schumer (NY)

DISTRICT: Buffalo

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Powell River Watershed, VA

AUTHORIZATION: House Committee on Transportation and Infrastructure Resolution dated 28 September 2000.

LOCATION: The Powell River watershed is a narrow mountainous valley bounded by Little Black Mountain and Cumberland Mountain to the northwest and Powell Mountain to the southeast. The watershed is seven miles wide with narrow valleys and steep topography. Surface and deep coal mines have been used at Little Black Mountain since early in the 20th century.

DESCRIPTION: Ecosystem restoration measures to reduce acidity and metals include a variety of active and passive treatment systems, depending upon the site conditions, severity of the problem, and projected cost of installation, operation, and maintenance.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$ 1,858
Estimated Non-Federal Cost	1,858
Cash	1,630
Other	228
Total Estimated Cost	\$ 3,716
Allocation thru 2004	\$1,201
Allocation for FY 2005	159
Allocation for FY 2006	198
Allocation for FY 2007	300
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Complete final interim feasibility report for Bundy, Craborchard and Pigeon Creeks and Jordon Branch. A contract task order is scheduled for award in Jun 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration supports justified ecosystem restoration projects.

CONGRESSIONAL INTEREST: Boucher, VA-09, Sen Webb and Sen Warner

DISTRICT: LRN

Date: 2 April 2007

**FACT SHEET  
INVESTIGATIONS ACCOUNT**

**BUSINESS PROGRAM:** Environment

**PROJECT NAME AND STATE:** South Fork of the South Branch of the Chicago River (Bubbly Creek), IL

**AUTHORIZATION:** Resolution by the Senate Committee on E&PW adopted 20 July 2005.

**LOCATION:** The South Fork of the South Branch (SFSB) of the Chicago River is a 6,600-foot long channel that begins near Racine Avenue and 38<sup>th</sup> Street, along the north side of the Racine Avenue Pump Station (RAPS) and flows north to the South Branch of the Chicago River. The project lies within the City of Chicago, Cook County, Illinois.

**DESCRIPTION:** The SFSB of the Chicago River has been greatly altered through urban development. In the 1800's the area was developed as the famed Union Stockyards and most portions of the original channel were filled with refuse and animal waste. A combined sewage overflow system was constructed in the late 1800's and over 30 square miles of Chicago drain to the RAPS, which overflow to the SFSB of the Chicago River. Of significant concern are impacts associated with an impervious watershed, stream channel filling and widening, large quantities of biological refuse, and an unnatural and flashy hydraulic regime.

<b><u>SUMMARIZED FINANCIAL DATA (\$000):</u></b>	<b>FY 2007 (\$000)</b>	<b>FY 2007 (\$000)</b>
	<b><u>RECON</u></b>	<b><u>FEAS</u></b>
Estimated Federal Cost	\$100	\$1,250
Estimated Non-Federal Cost	0	1,250
Total Estimated Project Cost	100	2,500
Allocations thru FY 2004	0	0
Allocation for FY 2005	0	0
Allocation for FY 2006	100	98
Allocations for FY 2007	100	200
Balance to Complete After FY 2007	0	952
Benefit to Cost Ratio Applicable Rate	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A	N/A

**FY 2007 ACTIVITIES:** Finalize 905(b) report, develop PMP and negotiate Feasibility Cost Sharing Agreement and initiate feasibility study.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Execute FCSA by July 07.

**OTHER INFORMATION:** The City of Chicago Department of Environment is a supportive and enthusiastic local sponsor.

**ADMINISTRATION POSITION:** Pending review of decision document

**CONGRESSIONAL INTEREST:** Lipinski (IL-3), Senator Durbin

**DISTRICT:** Chicago

**DATE:** 2 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Western Lake Erie Basin Study

AUTHORIZATION: Section 441 of the Water Resources Development Act of 1999 (PL 106-53)

LOCATION: The study area includes the watersheds of the Maumee, Portage, and Ottawa Rivers, in northwest OH, eastern IN, and southeast MI that are major tributaries to the WLEB.

DESCRIPTION: The study involves a comprehensive investigation of measures to improve fish and wildlife habitat, navigation, flood damage reduction, recreation, and water quality in the Maumee, Ottawa and Portage River watersheds. The combined watersheds have a drainage area of approximately 7,200 square miles, with the Maumee River contributing about 24 percent of the surface water flow into Lake Erie. A primary issue is pollution from non-point source discharges, particularly agricultural runoff. Non-point source pollutants and suspended sediments degrade water quality and contribute to the approximately 1,000,000 cubic yards of sediment dredged annually from the Maumee River navigation channel and Bay. Equally important are flood damage reduction, and restoration of fish and wildlife habitat. The comprehensive watershed study, in coordination with Federal, state, and local entities would address existing and future problems in the watershed caused by various agricultural, industrial, and urban activities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 2,000
Estimated Non-Federal Cost	2,000
Cash	0
Other	2,000
Total Estimated Cost	\$ 4,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	308
Allocation for FY 2007	1,200
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Continue co-leadership of the Partnership with NRCS, and involvement with the various WLEB Committees through September 2007. Draft the Existing Conditions Reports in the study area and solidify the GLRC relationship to the study. Complete reports for the Maumee Bay itself and the following nine watersheds: Lower Maumee, Ottawa, St Mary's, Upper Maumee, St. Joseph's, Auglaize, Tiffin and Portage.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008, assuming receipt of \$492,000 to complete the Feasibility Phase on October 1, 2007.

OTHER INFORMATION: In order to facilitate this effort, the WLEB Partnership was formed with the Natural Resources Conservation Service (NRCS) and four other Federal partners, three Governors' representatives, and other state and local stakeholders including the Maumee River Basin Partnership of local governments. Future implementation of Feasibility findings will require cost-share partners

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: OH: **Representative Marcy Kaptur** D-OH-9, Representative Paul Gillmor R-OH-5, Representative Michael Oxley R-OH-4, Representative John Boehner R-OH-8, Senator George Voinovich R-OH, Senator Michael DeWine R-OH  
IN: Representative Mark Souder R-IN-3, Representative Mike Pence R-IN-6, Senator Richard Lugar R-IN, Senator Evan Bayh D-IN  
MI: Representative John Dingell D-MI-15, Representative Joe Schwarz R-MI-7, Senator Carl Levin D-MI, Senator Debbie Stabenow D-MI

DISTRICT: Buffalo

Date: 6 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Restoration

PROJECT/STUDY NAME: Black Fox, Murfree and Oaklands Springs Wetlands Ecosystem Restoration Project

AUTHORIZATION: Section 573, WRDA 1996, P.L. 104-303

LOCATION: Murfreesboro, Rutherford County TN

DESCRIPTION: The main project purpose is preservation, interpretation and enhancement of the three unique wetland complexes in Murfreesboro, TN. Features include riparian and wetland enhancement, in-stream structures, native plantings, trails, boardwalks, parking, signage, rest rooms, picnic shelter and removing exotic invasive vegetation. Cost sharing is 75% federal/25% nonfederal.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 12,289*
Estimated Non-Federal Cost	3,942
Cash	0
Other	3,942
Total Estimated Cost	\$ 16,231
Allocation thru 2004	\$ 9,202
Allocation for FY 2005	1,370
Allocation for FY 2006	96
Allocation for FY 2007	450
Balance to Complete after FY 2007	1,171
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Construction activities will continue with award of several small contracts including exotic invasive plant removal in May 07, planting contracts for Oaklands and Murfree in Aug 07, and a security contract Jun 07. The sponsor should also complete real estate acquisition.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction could be completed in FY 08.

OTHER INFORMATION: \*Includes \$1,005,000 spent for a master plan and design of the environmental education center is exempt from cost sharing.

ADMINISTRATION POSITION: The ecosystem restoration features are consistent with administration policy; however, the environmental education/recreation features are not.

CONGRESSIONAL INTEREST: Gordon TN-6

DISTRICT: LRN

Date: 2 Apr 07

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Great Lakes Fishery & Ecosystem Restoration Program

AUTHORIZATION: Section 506, WRDA 2000 (PL 106-541)

LOCATION: Great Lakes region, including the Great Lakes and Lake St. Clair, the Detroit, St. Clair, St. Marys, and Chicago Rivers and the St. Lawrence River (to the 45<sup>th</sup> parallel)

DESCRIPTION: In cooperation with other Federal, state and local agencies, tribes, and the Great Lakes Fishery Commission, the purpose of this program is to plan, implement, and evaluate projects supporting the restoration of the fishery, ecosystem, and beneficial uses of the Great Lakes region.

<u>SUMMARIZED FINANCIAL DATA:</u>	<u>FY 2007 PROGRAM</u>
Estimated Federal Cost	\$ 100,000,000
Estimated Non-Federal Cost	53,846,000
Cash	1/
Other	1/
Total Estimated Cost	\$ 153,846,000
Allocation thru 2004	\$ 71,000
Allocation for FY 2005	430,000
Allocation for FY 2006	344,000
Allocation for FY 2007	470,000
Balance to Complete After FY 2007	\$ 98,685,000

1/ Multiple projects will be implemented under this program, however no specific projects have reached the stage where cost sharing details have been developed. Estimated total non-Federal cost for the program is based on 65% Federal – 35% non-Federal cost sharing.

FY 2007 ACTIVITIES: Numerous potential projects have been coordinated with the Great Lakes Fishery Commission, state and tribal resource agencies. Preliminary Restoration Plans (PRPs) have been developed for several of these projects, with approval received for two of the projects (Boardman River, MI and Henry Ford Estate Dam, MI) and planning/design initiated. FY07 funds will be used to complete the PRP approval process for five additional projects (IN - Red Mill Pond, NY – Chautauqua Creek and Cattaraugus Creek, OH – Ballville Dam, MI – Frankenmuth Dam). Planning and design efforts will be continued and/or initiated on all of these projects. A PRP will be developed for one additional project (WI – Waukegon River/Harbor). Coordination efforts will also continue in order to identify and develop additional projects for the program.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Goal is to have first project under this program complete in FY 2008 depending on level of FY 2008 funding.

OTHER INFORMATION: ASA(CW) approved a formal program support plan in April 2006, however, OMB subsequently determined that inclusion of program requirements in the annual budget could not be supported without completion and OMB approval of a feasibility-level comprehensive plan that identifies and supports site-specific projects.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Levin – MI, Stabenow – MI, Camp – MI-4

DISTRICT: Detroit

Date: 6 April, 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME: Butler Lake, IL

AUTHORIZATION: Section 206, WRDA 96 (P.L. 104-303), as amended.

LOCATION: Butler Lake is located on the north side of Libertyville, Illinois.

DESCRIPTION: The lake was last dredged in the late 1960's. Since then, Butler Lake has become quite shallow due to rapid siltation. The consequent reduction in water quality and the rapid encroachment by both native and exotic plants have rendered the lake unable to support the predator/prey relationship necessary to support a self-sustaining fish population.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)	
	<u>Design/Implementation</u>	
Estimated Federal Cost	\$1,565.3	
Estimated Non-Federal Cost	\$1,120.0	
Cash	\$569.2	
Other	\$550.8	
Total Estimated Project Cost	\$2,685.3	
Allocation thru FY 2004	\$0	
Allocation for FY 2005	\$865.3	
Allocation for FY 2006		\$600.0
Allocation for FY 2007	\$100.0	
Balance to Complete After FY 2007	\$0	
Benefit to Cost Ratio Applicable Rate	N/A	
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Costs Ratio at 7%	N/A	

FY 2007 ACTIVITIES: Complete ecosystem restoration and initiate monitoring.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: SEP 08.

OTHER INFORMATION: This project will correct erosion problems, restore native plant species, improve fish habitat and manage public access through the project area. Restoration will improve water quality and enhance habitat for aquatic and terrestrial resources.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Kirk (IL-10).

DISTRICT: Chicago

DATE: 5 April 2007



FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Canonsburg Lake, PA, Section 206

AUTHORIZATION: Section 206, WRDA 1996 (PL 104-303), as amended.

LOCATION: Canonsburg Lake is located 3 miles east of Canonsburg, PA on State Route 19 in Washington County, PA.

DESCRIPTION: The purpose of the project is to restore the aquatic ecosystem of 76-acre Canonsburg Lake which has been severely degraded by sediment deposition. Sedimentation has reduced the lake's storage capacity and depth, increased its water temperature, increased unwanted nutrient loading, and reduced the lake's dissolved oxygen levels making it less suitable for fish and other aquatic organisms. Possible solutions will be to create new wetlands and re-distribute sediment in the lake through the use of geotubes.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 406
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 406
Allocation thru 2004	\$ 0
Allocation for FY 2005	8
Allocation for FY 2006	248
Allocation for FY 2007	150
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue feasibility phase. The report will be in draft form by the end of FY 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Murphy, PA -18

DISTRICT: Pittsburgh

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME: Cedar Lake, IN

AUTHORIZATION: Section 206, WRDA 96 (P.L. 104-303), as amended.

LOCATION: Cedar Lake is located in Northwest Indiana.

DESCRIPTION: Cultural eutrophication has degraded the water quality of Cedar Lake, and as a result the aquatic ecosystems and associated socioeconomic benefits of the lake significantly decreased. Sewage overflows and agricultural runoff led to an accumulation of nutrients within the lake which created eutrophic conditions. The feasibility report will compare different alternatives for reducing the amount of nutrients and sedimentation into the water column from the sediments within the lake. Dredging, erosion control, and boating restrictions are some of the measures being investigated during the study.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost:	\$ 607.8
Estimated Non-Federal Cost:	\$0
Total Estimated Cost:	\$607.8
Allocation thru FY 2004:	\$7.3
Allocation for FY 2005:	\$172.5
Allocation for FY 2006:	\$198.0
Allocation for FY 2007:	\$180.0
Balance to Complete After FY 2007:	\$0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: SEP 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Visclosky (IN-1)

DISTRICT: Chicago

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS LINE: Environment

PROJECT NAME: Hofmann Dam, IL

AUTHORIZATION: Section 206, WRDA 96 (P.L. 104-303), as amended.

LOCATION: Hoffmann Dam is located along the Des Plaines River near the Village of Lyons and Riverside, Illinois.

DESCRIPTION: The goal of this project is to identify and evaluate measures regarding the full or partial removal of three low-head dams. These dams no longer serve their original purpose and currently impede the migration of fish, cause low dissolved oxygen levels, high water temperatures, and problems with the natural flow regime of the river. The proposed project goes beyond removal of the dams and addresses the degrading impacts of the dams, stream bank erosion and restoring the balance of the aquatic community.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000) <u>Feasibility</u>	FY 2007 (\$000) <u>Design/Implementation</u>		
Estimated Federal Cost	\$830.0	\$2,239.0		
Estimated Non-Federal Cost	\$0	\$1,652.0		
Cash	\$0	\$1,610.0		
Other	\$0	\$42.0		
Total Estimated Project Cost	\$830.0	\$3,891.0		
Allocation Thru FY 2004	\$604.8	\$0		
Allocation for FY 2005	\$42.2	\$0		
Allocation for FY 2006	\$183.0	\$78.0		
Allocation for FY 2007	\$0	\$0	\$60.0	
Balance to Complete after FY 2007	\$0	\$2,101.0		
Benefit to Cost Ratio Applicable Rate	N/A			
Benefit to Cost Ratio at 7%	N/A			
Remaining Benefits Remaining Costs Ratio	N/A			

FY 2007 ACTIVITIES: Completed feasibility report. Negotiate PCA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Dec 06 (feasibility)

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Lipinski (IL-03).

DISTRICT: Chicago

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME: Indian Ridge Marsh, Chicago, IL

AUTHORIZATION: Section 1135, WRDA 1986 (PL 99-662), as amended.

LOCATION: Indian Ridge Marsh covers about 145 acres between Lake Calumet and the Calumet River on the southeast side of Chicago.

DESCRIPTION: The Indian Ridge Marsh site was used for the disposal of slag from steel-making operations and dredged materials from the Calumet Harbor and River during the 1970's. Large portions of the marsh were filled with dredge material from disposal activities of the U. S. Army Corps of Engineers. Since then, lower quality wetlands have been reestablished throughout the site. The project will preserve the existing black crown night heron rookery; enhance and naturalize existing aquatic, wetland and woodland areas; create sand prairie, black oak savanna and shrub carr habitats; and protect restored areas while encouraging public access.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Costs	\$4,460.0
Estimated Non-Federal Costs:	\$2,402.0
Total Estimated Project Cost	\$6,862.0
Allocation thru FY 2004	\$11.0
Allocation for FY 2005	\$18.0
Allocation for FY 2006	\$200.0
Allocation for FY 2007	\$50.0
Balance to Complete After FY 2007	\$4,181.0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue work on plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete design in FY 2008, if funds are provided.

OTHER INFORMATION: The project will restore native plant species, improve fish habitat and manage public access through the project area. Restoration will improve water quality and enhance habitat for aquatic and terrestrial resources.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Jackson (IL-2)

DISTRICT: Chicago

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: J. Percy Priest, Stones River, TN

AUTHORIZATION: Section 1135, 1986 WRDA (P.L. 99-662), as amended.

LOCATION: Nashville, Davidson County, TN

DESCRIPTION: Project will modify existing 36" pipe allowing a predetermined minimum flow from reservoir into the Stones River. This minimum flow would aerate as it flows through the pipe valve, increasing dissolved oxygen and releasing hydrogen sulfide from the water. This uniform minimum flow would also give a steady flow of water, stabilizing habitat below the dam. The Stones River below J. Percy Priest Dam has water quality problems associated with low dissolved oxygen, taste and odor due to hydrogen sulfide and flow alteration. The identified source of these pollutants is the upstream impoundment.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Design and Implementation</u>	
Estimated Federal Cost	\$	475
Estimated Non-Federal Cost		158
Cash		158
Other		0
Total Estimated Cost	\$	633
Allocation thru 2004	\$	0
Allocation for FY 2005		0
Allocation for FY 2006		0
Allocation for FY 2007		10
Balance to Complete after FY 2007		465
Benefit to Cost Ratio Applicable rate (____%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%)		N/A

FY 2007 ACTIVITIES: Initiate Design/Implementation phase (plans and specifications)

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 08.

OTHER INFORMATION: Metro Nashville sent a letter on 2 Feb 07 indicating that their project funds will not be available after 1 Jul 07.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Cooper, TN-05

DISTRICT: Nashville

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS LINE: Environment

PROJECT NAME: Lockport Prairie, IL

AUTHORIZATION: Section 206, WRDA 96 (P.L. 104-303), as amended.

LOCATION: The Lockport Prairie Nature Preserve is located in Will County near the town of Lockport, Illinois.

DESCRIPTION: This project site is 365 acres in size, and the majority of it is wetland and a unique ecosystem that includes dolomite prairie. The proposed ecosystem restoration project seeks to stabilize the ecosystem with a goal to sustain or improve habitat for species that are legally protected at the federal and state levels.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 827.0
Estimated Non-Federal Cost	\$0
Total Estimated Cost	\$827.0
Allocation thru FY 2004	\$350.0
Allocation for FY 2005	\$-2.0
Allocation for FY 2006	\$297.0
Allocation for FY 2007	\$182.0
Balance to Complete After FY 2007	\$0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ration at 7%	
Remaining Benefits Remaining Costs Ratio at 7%	N/A
	N/A

FY 2007 ACTIVITIES: Complete feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: SEP 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Biggert (IL-13).

DISTRICT: Chicago

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Maryville, TN

AUTHORIZATION: Sec. 206, WRDA 96 (P.L. 104-303), as amended.

LOCATION: The project is located on a 4.2-mile reach of Pistol Creek inside the city limits of Maryville, Tennessee.

DESCRIPTION: The components of the project are wetland creation, riparian restoration, and sediment retention at the Maryville site along with two separate sites within this reach of stream, which are proposed for specific restoration measures. One site is at the Sandy Springs Park, adjacent to Pistol Creek. A second site is located 2 miles downstream at the impoundment in Bicentennial Park.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Design and Implementation</u>	
Estimated Federal Cost	\$	4,610
Estimated Non-Federal Cost		2,505
Cash		1,982
Other		523
Total Estimated Cost	\$	7,115
Allocation thru 2004	\$	0
Allocation for FY 2005		0
Allocation for FY 2006		0
Allocation for FY 2007		375
Balance to Complete after FY 2007		4,235
Benefit to Cost Ratio Applicable rate (____%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

FY 2007 ACTIVITIES: Complete feasibility phase upon approval of the Detailed Project Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 09 is the earliest that the design and implementation phase can be completed.

OTHER INFORMATION: Project does not meet the two conditions necessary to execute a PCA in FY 07.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Duncan, TN-02

DISTRICT: Nashville

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Nine Mile Run, Allegheny County, PA

AUTHORIZATION: Section 206 of WRDA 1996 (Public Law 104-303) and Section 349 of WRDA 1999.

LOCATION: Nine Mile Run drains an area of approximately six square miles and flows through the boroughs of Wilkinsburg, Swissvale, and Edgewood, then through the City of Pittsburgh's Frick Park to its mouth on the Monongahela River at mile 7.7.

DESCRIPTION: The project consists of an aquatic ecosystem restoration project that utilizes stream restoration approaches to restore aquatic habitat and wildlife in Nine Mile Run. Improvements will be made to Nine Mile Run through additional wetland creation, bank protection and stream stabilization.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$ 5,000
Estimated Non-Federal Cost	2,690
Cash	0
Other	2,690
Total Estimated Cost	\$ 7,690
Allocation thru 2004	\$ 1,673
Allocation for FY 2005	1,692
Allocation for FY 2006	1,420
Allocation for FY 2007	115
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Doyle, PA-14

DISTRICT: Pittsburgh

Date: 4 April 2007



FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environment

**PROJECT/STUDY NAME:** North Park Lake Aquatic Ecosystem Restoration Project, PA

**AUTHORIZATION:** Section 206, WRDA 1996 (P.L. 104-303), as amended.

**LOCATION:** The project is located on Pine Creek in McCandless Township, Allegheny County, PA.

**DESCRIPTION:** Uncontrolled runoff carrying sediment to North Park Lake has resulted in a loss of 12 acres of open water and approximately half of the lake's original depth. These factors have severely degraded the remaining aquatic habitat. In addition to sediment removal, the project will add structures in the lake to provide aquatic cover for fish and benthos, increase wetland habitat around the perimeter of the lake in specific areas, and treat the sediment placement area to increase its value for wildlife over existing conditions.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 1,094	\$ 3,875
Estimated Non-Federal Cost	0	7,637
Cash	0	
Other	0	
Total Estimated Cost	\$ 1,094	\$ 11,512
Allocation thru 2004	\$ 985	0
Allocation for FY 2005	0	0
Allocation for FY 2006	84	0
Allocation for FY 2007	25	\$ 3,875
Balance to Complete after FY 2007	0	0
Benefit to Cost Ratio Applicable rate (____%)	NA	
Benefit to Cost Ratio at 7%	NA	
Remaining Benefits Remaining Costs Ratio at 7%)	NA	

**FY 2007 ACTIVITIES:** Receive approval of DPR, execute PCA, award contract to complete plans and specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The Design/Implementation Phase will be initiated in 2007 and completed in 2010.

**OTHER INFORMATION:** The sponsor has funds in hand to meet their initial cost-share requirement and complete the plans & specifications for construction.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Altmire, PA-04; Casey, PA

**DISTRICT:** Pittsburgh

**Date:** 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Olentangy River, 5th Avenue Dam, OH

AUTHORIZATION: Section 206, WRDA 1996 (P.L. 104-303), as amended.

LOCATION: 5th Avenue Dam is located in downtown Columbus, Ohio on the Olentangy River.

DESCRIPTION: The feasibility study will look at restoring the aquatic ecosystem by removing or modifying the 5th Avenue lowhead dam and will include restoration work for the stream, such as stream bank stabilization and the addition of natural stream features such as riffle and pool sequences. The study will look at the change in the associated floodplain to determine associated impacts with the change in the channel hydraulics.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design / Implementation</u>
Estimated Federal Cost *	\$ 1,571
Estimated Non-Federal Cost	840
Total Estimated Project Cost	\$ 2,411
* Includes \$15k for Feasibility activities	
Allocation thru 2004	\$ 15
Allocation for FY 2005	0
Allocation for FY 2006	356
Allocation for FY 2007	150
Balance to Complete after FY 2007	1,050
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue Design / Implementation Phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH), Pryce (OH-15)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Powell River, Ely/Puckett Creek, VA

AUTHORIZATION: Sec. 206, WRDA 96 (P.L. 104-303), as amended

LOCATION: The Ely Creek and Puckett Creek sub-basins of the Powell River Basin are located in the extreme southwestern corner of Virginia in Lee County. Acid mine drainage (AMD) resulting from coal mining has left Ely and Puckett Creeks essentially sterile. Raising the pH and eliminating toxic levels of acidity and metals in the creeks will restore the streams to their natural, productive, diverse state. There will be substantial benefits to the receiving streams.

DESCRIPTION: Corrective measures include passive treatment structures (equalization ponds, successive alkalinity producing systems (SAPS), and aerobic wetlands) and adding AMD buffering capacity by including limestone riprap in all surface water diversions/stream relocations.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 3,181
Estimated Non-Federal Cost	1,713
Cash	1,323
Other	390
Total Estimated Cost	\$ 4,894
Allocation thru 2004	\$ 1,891
Allocation for FY 2005	190
Allocation for FY 2006	800
Allocation for FY 2007	300
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Complete construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Boucher (VA-09); Sen. Webb; Sen. Warner

DISTRICT: Nashville

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Sheraden Park & Chartiers Creek

AUTHORIZATION: Section 206, WRDA 1996 (PL 104-303), as amended.

LOCATION: Sheraden Park is a 53 acre urban park in the Sheraden neighborhood in the City of Pittsburgh, PA, located in the natural stream valley of an unnamed tributary to Chartiers Creek. There is a stream that originates from a wooded hillside spring, flows for 300 feet, and then drops into a combined stormwater and sanitary sewer.

DESCRIPTION: The project proposes to remove the stream from the combined sewer and create a restored stream in its historic channel. The stream restoration will create approximately 2,000 to 3,000 feet of natural watercourse native riparian plantings and one new wetland on the lower floodplain before the stream discharges into Chartiers Creek.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 720
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 720
Allocation thru 2004	\$ 0
Allocation for FY 2005	23
Allocation for FY 2006	297
Allocation for FY 2007	400
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Continue Feasibility phase. The report will be in draft form by end of the fiscal year.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 08.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Doyle, PA - 14

DISTRICT: Pittsburgh

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME: Squaw Creek (Round Lake Drain), IL

AUTHORIZATION: Section 206, WRDA 96 (P.L. 104-303), as amended.

LOCATION: The Squaw Creek Watershed is in a rapidly growing portion of Lake County, Illinois, in the Chain-of-Lakes area.

DESCRIPTION: This project has increased storm-water runoff into the Squaw Creek main-stem, increasing sedimentation into the creek, its tributaries and lakes along the Creek, particularly Mud Lake and Long Lake. The project specifically focuses on Round Lake Drain, which has deteriorated over time. The project includes proposed bank stabilization, channel re-meandering, and creation of a channel with adjacent wetlands.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000) <u>Feasibility</u>	FY 2007 (\$000) <u>Design/Implementation</u>	
Estimated Federal Cost	\$361.0	\$963.0	
Estimated Non-Federal Cost	\$0	\$518.0	
Cash	\$0	\$518.0	
Other	\$0	\$0	
Total Estimated Project Cost	\$361.0	\$1,481.0	
Allocation thru FY 2004	\$255.2	\$0	
Allocation for FY 2005		\$60.8	\$0
Allocation for FY 2006	\$45.0	\$113.0	
Allocation for FY 2007	\$0	\$120.0	
Balance to Complete After FY 2007	\$0	\$730.0	
Benefit to Cost Ratio Applicable Rate	N/A		
Benefit to Cost Ratio at 7%	N/A		
Remaining Benefits Remaining Costs at 7%	N/A		

FY 2007 ACTIVITIES: Complete feasibility report and negotiate PCA.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: Complete feasibility report by September 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Bean (IL-8), Sen. Durbin (IL)

DISTRICT: Chicago

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Watauga, NC

AUTHORIZATION: Section 206 WRDA 1996 (P.L. 104-303), as amended.

LOCATION: Town of Boone, North Carolina.

DESCRIPTION: A stream restoration project is being proposed for 4,000 feet of the South Fork of the New River. A variety of river restoration techniques will be formulated to address the severely eroding and failing riverbanks in the project reach. The proposed project will restore habitat quality to a reach of river currently degraded by insufficient depth, lack of shade, siltation and sedimentation, and lack of in-stream habitat diversity.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 1,571
Estimated Non-Federal Cost	833
Total Estimated Project Cost	\$ 2,404
Allocation thru 2004	\$ 249
Allocation for FY 2005	0
Allocation for FY 2006	22
Allocation for FY 2007	159
Balance to Complete after FY 2007	1,141
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue Feasibility Phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Foxx (NC-05), Dole (NC), Burr (NC)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Wills Creek, Mason Mine 280, OH

AUTHORIZATION: Section 1135, WRDA 1986 (P.L. 99-662), as amended.

LOCATION: The project is located along the south shoreline approximately 4 miles above the Wills Creek Dam. Wills Creek Lake is located in Coshocton, Guernsey, and Muskingum Counties, Ohio, and is approximately 55 miles east of Columbus.

DESCRIPTION: The proposed restoration project is intended to treat the discharge of acid mine drainage before it enters the lake. Ecosystem restoration features include the construction of a system of state-accepted anoxic limestone drains followed by wetland ponds or cells. This system could be employed separately, or in combination, with measures directed to the mine discharge such as hydraulic seals. Results of the study will restore the aquatic habitat in the stream feeding Wills Creek Lake.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design / Implementation</u>
Estimated Federal Cost	\$ 1,405
Estimated Non-Federal Cost	450
Total Estimated Project Cost	\$ 1,855
Allocation thru 2004	\$ 155
Allocation for FY 2005	0
Allocation for FY 2006	50
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,200
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a

FY 2007 ACTIVITIES: Continue Feasibility activities with carryover funds.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Preliminary Restoration Plan (PRP) approved in 1999. Updated and approved in November 2002 to reflect current designs and costs. The District is working to complete the feasibility study phase by September 2007.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Brown (OH), Voinovich (OH), Space (OH-18)

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION-CONTINUING AUTHORITY  
Enacted Studies and Projects

BUSINESS LINE: Environment

PROJECT NAME: Wolf Lake, IN

AUTHORIZATION: Section 206, WRDA 96 (PL 104-303), as amended.

LOCATION: Wolf Lake is located on the northwest edge of Hammond, Indiana and the far southeast edge of Chicago, Illinois.

DESCRIPTION: The project features include enhancing and creating approximately 90 acres of aquatic and wetland habitat, restoring approximately 15,000 linear feet of shoreline, creating deep holes to locally diversify the lake bottom, controlling aquatic and shoreline exotic and undesirable plant species using herbicidal and biological controls, clearing channels, and creating openings in dikes and causeways to improve the hydrologic regime to restore the project area.

SUMMARIZED FINANCIAL DATA:

	FY 2007 (\$000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 3,791.0
Estimated Non-Federal Cost	2,296.0
Cash	(1,931.0)
Other	(365.0)
Total Estimated Cost	\$6,087.0
Allocation thru FY 2004	314.8
Allocation for FY 2005	369.2
Allocation for FY 2006	2,307.0
Allocation for FY 2007	800.0
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio	N/A

FY 2007 ACTIVITIES: Complete construction and initiate monitoring.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: SEP 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Rep. Visclosky (IN-1)

DISTRICT: Chicago

DATE: 5 April 2007



# RECREATION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Recreation

PROJECT/STUDY NAME: Belpre Riverfront Park, OH

AUTHORIZATION: Resolution of the Committee on Public Works and Transportation of the House of Representatives, adopted 8 August 1984.

LOCATION: The Belpre, Ohio Riverfront Park is located at river mile 186.0 on the Ohio River.

DESCRIPTION: The proposed Belpre Riverfront Park is comprised of a 3-acre park facility including an amphitheater, restrooms, excursion boat dock, park benches, picnic facilities, and walking paths along the Ohio River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Feasibility</u>	<u>FY 2007 (\$000)</u> <u>PED</u>
Estimated Federal Cost	\$ 166.4	\$ 825.0
Estimated Non-Federal Cost	166.4	275.0
Cash	132.5	275.0
Other	33.9	
Total Estimated Cost	\$ 332.8	\$1,100.0
Allocation thru 2004	\$ 149.0	\$ 1.0
Allocation for FY 2005	0	0
Allocation for FY 2006	3.3	
Allocation for FY 2007	14.1	180.9
Balance to Complete after FY 2007	0	644.1
Benefit to Cost Ratio Applicable rate (___%)		
Benefit to Cost Ratio at 7%		
Remaining Benefits Remaining Costs Ratio at 7%		

FY 2007 ACTIVITIES: Funds provided are being used to complete the feasibility activities and negotiate PED agreement. Additional funds would be used to initiate PED

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Study will be completed in June 2007

OTHER INFORMATION: None

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH), Wilson (OH-06)

DISTRICT: Huntington

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Recreation

PROJECT/STUDY NAME: Ohio Riverfront, Cincinnati, Ohio

AUTHORIZATION: Division H, Section 118 of the Consolidated Appropriations Act, 2004 (PL 108-199) and Energy and Water Development Appropriations Act, 2004 (P.L. 108-137).

LOCATION: The limits of the project are in the city of Cincinnati, located in southwest Ohio along Ohio River Mile 470.0.

DESCRIPTION: The project area includes continuous pedestrian walkways along the river, informal grass terraces, festival areas, a great lawn, landscaping, lighting, and water features. The 905(b) Analysis defined and evaluated this area as well as areas both to the east and west. The project objective is to enhance public use of the recreational and environmental amenities of the Ohio River.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 5,625
Estimated Non-Federal Cost	1,875
Cash	0
Other	1,875
Total Estimated Cost	\$ 7,500
Allocation thru 2004	\$ 177
Allocation for FY 2005	1,119
Allocation for FY 2006	247
Allocation for FY 2007	562
Balance to Complete after FY 2007	3,520
Benefit to Cost Ratio Applicable rate (____%)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio 7%	TBD

FY 2007 ACTIVITIES: Continue preparation of plans and specifications for Phase 1.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Prior to FY 2007, a net amount of \$562,000 was reprogrammed from this project. Payback is scheduled in FY 07, however, \$412,000 is pending cancellation. These funds would be used to continue design.

ADMINISTRATION POSITION: Consistent with Administration policy but recreation is a low budget priority.

CONGRESSIONAL INTERESTS: Voinovich (R-OH), Brown (D-OH), Chabot (R-OH-1), Schmidt (R-OH-2), Hobson (R-OH-7)

DISTRICT: Louisville District

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Recreation

PROJECT/STUDY NAME: Parkersburg Riverfront Park, WV

AUTHORIZATION: Sect. 557(1) WRDA 99 (PL 106-53)

LOCATION: Project is at River Mile 184.5 on the Ohio River in Wood County, WV.

DESCRIPTION: The project consists of an expanded excursion boat landing, a 1,200-foot long riverwall with a 20-foot wide esplanade, amphitheater, restrooms, open seating areas, picnic areas, a handicap accessible fishing pier, and a walking trail. Additional parking for automobiles and tour buses is also planned.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 810.0
Estimated Non-Federal Cost	136.0
Cash	136.0
Other	0
Total Estimated Cost	\$ 946.0
Allocation thru 2004	\$ 325.0
Allocation for FY 2005	50.0
Allocation for FY 2006	235.0
Allocation for FY 2007	200.0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___%)	
Benefit to Cost Ratio at 7%	
Remaining Benefits Remaining Costs Ratio at 7%	

FY 2007 ACTIVITIES: Continue PED activities, complete plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Earliest attainable completion for PED is September 2007.

OTHER INFORMATION: WRDA 99 authorized this project for \$8,400,000. The most current estimate for the project is \$12,000,000. However, authorization requires a favorable Chief's report, none issued.

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Mollohan (WV-01)

DISTRICT: Huntington

Date: 5 April 2007

# WATER SUPPLY

# CONSTRUCTION

**FACT SHEET  
CONSTRUCTION ACCOUNT**

**BUSINESS PROGRAM:** Water Supply

**PROJECT NAME:** Calumet Region, IN

**AUTHORIZATION:** Section 219f(12) of WRDA 1992 (PL 102-580), as amended by WRDA 1996, Section 504 and WRDA 1999, Section 502, FY 2004 Appropriation Bill, Section 145.

**LOCATION:** This program covers needs in Benton, Jasper, Lake, Newton, and Porter Counties, in the State of Indiana.

**DESCRIPTION:** This program will provide technical planning, design and construction to non-federal interests who have environmental infrastructure needs in Benton, Jasper, Lake, Newton, and Porter Counties, IN. These needs include development of wastewater treatment and related facilities and water supply, treatment, and distribution.

<b><u>SUMMARIZED FINANCIAL DATA (\$000):</u></b>	<b><u>FY 2007 (\$000)</u></b>
	<b><u>Construction</u></b>
Estimated Federal Cost	\$30,000
Estimated Non-Federal Cost	10,000
Cash	(10,000)
Other	( 0)
Total Estimated Project Cost	40,000
Allocations thru FY 2004	6,880
Allocation for FY 2005	1,965
Allocation for FY 2006	639
Allocation for FY 2007	1,843
Balance to Complete After FY 2007	18,673
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Awarded Hammond Sanitary and Valparaiso construction contracts. Continue design work on Lake Station and Whiting projects. Complete design, execute PCA and award a construction contract for the Town of Cedar Lake. Execute a PCA with the City of Portage to design and construct improvements to the City's Waste Water Treatment Plant. Close out Gary Sanitary District, Chesterton and New Chicago projects.

**EARLIEST ATTAINABLE COMPLETION FOR PHASE:** Complete Hammond Sanitary, Valparaiso and Cedar Lake construction contracts by FY 2008.

**OTHER INFORMATION:** The District has now been delegated approval authority for Letter Reports and model PCAs.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy.

**CONGRESSIONAL INTEREST:** Visclosky (IN-1)

**DISTRICT:** Chicago

**DATE:** 2 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Central WV Environmental Infrastructure

AUTHORIZATION: Water Resources Development Act (WRDA) of 1999, Section 571.

LOCATION: Twenty counties within the West Virginia 2nd Congressional District, in the Baltimore, Pittsburgh, and Huntington Districts.

DESCRIPTION: Program includes design / construction assistance for environmental infrastructure projects proposed by local entities, including wastewater treatment and related facilities, water supply and related facilities, and surface water resource protection and development. Process for selecting projects is administered by the Corps and the West Virginia Infrastructure and Jobs Development Council.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$10,000
Estimated Non-Federal Cost	3,333
Cash	3,333
Other	0
Total Estimated Cost	13,333
Allocation thru 2004	610
Allocation for FY 2005	766
Allocation for FY 2006	557
Allocation for FY 2007	3,777
Balance to Complete after FY 2007	722 <sup>1/</sup>
Benefit to Cost Ratio Applicable rate	n/a
Benefit to Cost Ratio at 7%	n/a
Remaining Benefits Remaining Costs Ratio at 7%	n/a
<sup>1/</sup> Reflects current program authority (\$10M) less appropriated funds to date (\$9.278M). Additional payback (\$1.7M) still owed program.	

FY 2007 ACTIVITIES: Projects to be addressed with workplan funding: Silverton, North Putnam, Flatwoods, Cottageville PSD, and Upper Fishers Branch, Guthrie projects.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phase ongoing and subject to future appropriation.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV), Capito (WV-02)

DISTRICT: Huntington

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL**

**BUSINESS PROGRAM:** Water Supply

**PROJECT NAME AND STATE:** Cook County (Environmental Infrastructure), IL

**AUTHORIZATION:** WRDA 1992 (PL 102-580), Section 219(f)(54), as amended in Consolidated Appropriations Act of 2001, (PL 106-554), see HR 4577, Chapter 14, Division B, Section 108; Section 142 of the FY 2004 Energy and Water Resources Appropriation (PL 108-137).

**LOCATION:** This program provides technical planning, design and construction assistance to non-federal interests who have environmental infrastructure needs in Cook County, IL.

**DESCRIPTION:** Currently the projects identified applicable to this authorization are Calumet Park, Flossmoor, Brookfield Zoo, Chicago Heights, Berwyn and Olympia Fields.

<b><u>SUMMARIZED FINANCIAL DATA (\$000):</u></b>	<b>FY 2007 (\$000)</b>
	<b><u>Construction</u></b>
Estimated Federal Cost	\$35,000 1/
Estimated Non-Federal Cost	\$11,666
Cash	(11,666)
Other	(0)
Total Estimated Project Cost	\$46,666
Allocation thru FY 2004	577
Allocation for FY 2005	289 2/
Allocation for FY 2006	341
Allocation for FY 2007	440
Balance to Complete After FY 2007	33,353
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Execute PCA and initiate and complete construction at Calumet Park; initiate water and sewer improvements at the Brookfield Zoo; and continue or initiate studies, design and/or construction where other known deficiencies exist in Cook County communities, such as water system repairs in the Village of Flossmoor, water and sewer-related repairs in the city of Berwyn, and storm water retention system maintenance in the Village of Olympia Fields.

**EARLIEST ATTAINABLE COMPLETION FOR PHASE:** Complete Calumet Park project by FY 2007.

**OTHER INFORMATION:** \$35,000,000 is the amount authorized to be appropriated to this project pursuant to Section 108 and is the maximum Federal participation unless modified by later law. Improvements to water supply and wastewater infrastructure are low budgetary priorities for the Civil Works program.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy

**CONGRESSIONAL INTEREST:** Lipinski (IL-3), Jackson (IL-2)

**DISTRICT:** Chicago

**DATE:** 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Genesee County, Michigan Environmental Infrastructure

AUTHORIZATION: Sec 219(f)(59), WRDA 1992 (PL 102-580), as amended by Sec 108, Div B, App D, Consolidated Appropriations Act, 2001 (PL 106-554)

LOCATION: Genesee County, Michigan

DESCRIPTION: Genesee County is located in southeastern Michigan. The existing wastewater collection and treatment infrastructure has reached its planned capacity. The Genesee County Drain Commission desires to design and construct a rain gauge system to anticipate capacity stresses, and the Kearsley Creek Interceptor (KCI) sewer system.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 6,700 1/
Estimated Non-Federal Cost	2,225
Cash	2,225
Other	NA
Total Estimated Cost	\$ 8,925
Allocation thru 2004	\$ 493
Allocation for FY 2005	\$ 192
Allocation for FY 2006	\$ 432
Allocation for FY 2007	\$ 23
Balance to Complete after FY 2007	\$5,560
Benefit to Cost Ratio Applicable rate (_NA_%)	
Benefit to Cost Ratio at NA	
Remaining Benefits Remaining Costs Ratio at NA%)	

1/ Represented authorization limit.

FY 2007 ACTIVITIES: FY07 funds will be used to continue the design work on the Kearsley Creek Interceptor (KCI).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The design of the Kearsley Creek interceptor is scheduled to be completed by 2009 if funding is provided in FY 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Levin (MI), Stabenow (MI), Kildee (MI-9), Miller (MI-10), Rogers (MI-8)

DISTRICT: Detroit

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure

**PROJECT/STUDY NAME:** Indianapolis Environmental Infrastructure, IN

**AUTHORIZATION:** Section 219 of WRDA 1992, P.L. 102-580, as amended by Consolidated Appropriations Act of 2001, P.L. 106-554, Appendix D, Division B, Section 108 and EWDA 2004, P.L. 108-137, Section 153

**LOCATION:** Indianapolis is located in Marion County on the White River in central Indiana.

**DESCRIPTION:** The city is formulating a plan to mitigate water quality impacts from its combined sewer overflows (CSOs). This project will identify and evaluate modifications to improve compatibility with the Central Indianapolis Waterfront Concept Master Plan, specifically for the Fall Creek segment.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design</u>
Estimated Federal Cost	\$ 35,500
Estimated Non-Federal Cost	11,825
Cash	11,825
Other	0
Total Estimated Cost	\$ 47,325
Allocation thru 2004	\$ 359
Allocation for FY 2005	889
Allocation for FY 2006	426
Allocation for FY 2007	1,163
Balance to Complete After FY 2007	32,663
Benefit to Cost Ratio Applicable rate ( _%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Continue technical planning and design assistance and development of engineering documents for improvements to water quality in the White River and Fall Creek.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** To accomplish design, several contracts, such as geotechnical investigations, hydraulic modeling, etc. will be awarded. The first construction project would be attainable as early as FY 2008 pending Sponsor approval/financing and execution of a PCA.

**OTHER INFORMATION:** Prior to FY2007 a net amount of \$1,163,000 was reprogrammed from this project. The FY2007 allocation restores this funding to the project.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy.

**CONGRESSIONAL INTEREST:** Lugar (IN), Bayh (IN), Visclosky (IN-01), Carson (IN-07)

**DISTRICT:** Louisville District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Ohio Environmental Infrastructure

AUTHORIZATION: Sec. 594 (g) of WRDA 1999, as amended by Section 130 of the Energy and Water Development Appropriations Act of 2006.

LOCATION: Various communities and municipalities throughout the State of Ohio.

DESCRIPTION: Program includes design / construction assistance for environmental infrastructure projects. The program focus is on water and wastewater treatment, combined sewer overflow problems, acid mine drainage, environmental restoration, and surface water resource protection and development. Reimbursable projects are allowed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$240,000
Estimated Non-Federal Cost	80,000
Cash	0
Other	0
Total Estimated Cost	\$320,000
Allocation thru 2004	10,134
Allocation for FY 2005	19,545
Allocation for FY 2006	12,870
Allocation for FY 2007	9,220
Balance to Complete after FY 2007	188,231 <sup>1/</sup>
Benefit to Cost Ratio Applicable rate:	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio:	N/A

<sup>1/</sup> Reflects current authority limit (\$240M) less appropriated funds to date (\$60.6M) and adjustments for S&S and reprogrammings. Additional payback still owed program (\$2.6M).

FY 2007 ACTIVITIES: Projects to be addressed with workplan funding: Hamden, Buckeye Lake, Liberty Little Squaw Creek, City of Louisville, Youngstown Orchard Meadow, Dayton NE Quadrant, Tech Town, University of Dayton, Springfield AirPark, Lake County, Summit County, Cuyahoga River, Gallia County, Jackson County, and Vinton County.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phases ongoing and subject to future appropriation.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Voinovich (OH), Brown (OH); Ohio delegation – 18 districts

DISTRICT: Huntington

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: South Central Pennsylvania Environmental Improvement Program, Pennsylvania

AUTHORIZATION: Section 313 of the Water Resources Development Act (WRDA) of 1992 (Public Law 102-580); Section 107 of the Energy and Water Resources Appropriations Act (E&WDAA), 1996; Section 345 of the Water Resources Act of 1996 (Public Law 104-303); E&WDAA, 1998 (Public Law 105-62) and 1999 (Public Law 105-245); Omnibus Consolidated Appropriations Act, 1999; Sections 351 and 548 of WRDA 99 (Public Law 106-53); Section 101 of the FY05 Consolidated Appropriations Act (Public Law 108-447).

LOCATION: The program consists of an 18 county area in South Central Pennsylvania.

DESCRIPTION: The program involves design and construction of projects for wastewater treatment and related facilities, water supply, storage treatment and distribution facilities, and surface water resource protection and development.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 180,000
Estimated Non-Federal Cost	60,000
Cash	
Other	
Total Estimated Cost	\$ 240,000
Allocation thru 2004	\$ 104,920
Allocation for FY 2005	9,935
Allocation for FY 2006	8,651
Allocation for FY 2007	14,944
Balance to Complete after FY 2007	41,550
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES:

Pittsburgh District: Menallen, Central Mainline and National Pike projects will complete construction. Lower Ten Mile and Mt. Pleasant projects will complete design and commence construction. New Project Cooperation Agreements will be executed for Morgan Township, Fayette City, Washington Township, El Rama, Parks Township, Dunbar Township and additional projects currently being finalized.

Baltimore District: Fully funded 16 projects that had been previously started and Project Cooperation Agreements will be signed for 5 new projects.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The program consists of multiple projects either in design, design and construction or construction only. Each has their own schedules with varying completion dates.

OTHER INFORMATION: The amount authorized to be appropriated pursuant to Section 313, as amended, currently is \$180,000,000 and is the maximum Federal participation unless modified by later law.

Pursuant to Section 313, as amended, funds appropriated in FY93 through FY97 are to be allocated 50 percent to the Chesapeake Watershed (NAD) and 50 percent to the Ohio River Watershed (LRD). Pursuant to Section 313, as amended, and the E&WDAA, 1998, funds appropriated in FY 98 are allocated 1/3 to Chesapeake, 1/3 to Ohio, and 1/3 to Northeastern Pennsylvania. Pursuant to the E&WDAA, 1999, 1/3 of funds appropriated in FY 99 are allocated to Northeastern Pennsylvania.

Section 102 of the E&WDAA, FY00 and FY01 limits reimbursements to \$10 million per project/program per fiscal year and \$50 million for all projects/programs nationwide per fiscal year.

The E&WDAA, 98, 99, and 00 and Section 206 of the WRDA 99 prohibit the application of a fully allocated funding policy to this project, among others, and requires the award of continuing contracts. This project will be implemented in accordance with those laws.

Subject to the above limitations on allocations, available project funds will be reallocated among project elements if necessary to support ongoing contracts. Should the maximum Federal participation be attained or appropriated funds be exhausted project-wide, either ongoing projects will be terminated or contributed funds will be obtained from non-Federal sponsors to support these projects.

Section 101 of the FY05 Consolidated Appropriations Act limits reimbursements to \$10 million per state per fiscal year.

ADMINISTRATION POSITION: The program is not consistent with Administration policy. Water supply and wastewater treatment and related purposes are low budgetary priorities.

CONGRESSIONAL INTEREST: English, PA-03; Altmire, PA-4; Peterson, PA-5; Shuster, PA-9; Carney, PA-10; Kanjorski, PA-11; Murtha, PA-12; Doyle, PA-14; Murphy, PA-18

DISTRICT: Pittsburgh & Baltimore

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Southern & Eastern Kentucky Environmental Infrastructure

AUTHORIZATION: Sec. 531 of WRDA 1996 (PL 104-303), as amended by Sec. 532 of WRDA 1999 (PL 106-53); amended by Sec. 127 of EWDA 2003, Div. D (PL 108-7).

LOCATION: Project comprises a 29 county region in southern and eastern Kentucky.

DESCRIPTION: Program includes design / construction assistance for environmental infrastructure projects. The focus is on wastewater treatment and collection systems and environmental restoration in cooperation with Kentucky PRIDE.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 40,000
Estimated Non-Federal Cost	13,333
Cash	0
Other	0
Total Estimated Cost	\$ 53,333
Allocation thru 2004	\$ 20,037
Allocation for FY 2005	2,186
Allocation for FY 2006	1,485
Allocation for FY 2007	1,402
Balance to Complete after FY 2007	14,890 <sup>1/</sup>
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio 7%	N/A

<sup>1/</sup> Reflects current authority limit (\$40M) less appropriated funds to date (\$25.6M) and adjustments for S&S.

FY 2007 ACTIVITIES: Projects to be addressed with work plan funding: Rockhouse Creek (LRN), Chad's Hope (LRN), Tyner Elementary (LRL), and general program management activities (three districts).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phase ongoing and subject to future appropriation.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Bunning (KY), McConnell (KY), Rogers (KY-05)

DISTRICT: Huntington

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Southern West Virginia Environmental Infrastructure

AUTHORIZATION: Sec. 340 of Water Resource Development Act 1992, as amended by Sec. 359 of P. L. 104-303, Sec. 368 of P. L. 106-53, and Sec. 550 of P. L. 106-541.

LOCATION: The project area consists of sixteen counties in southern West Virginia.

DESCRIPTION: Program provides for design and construction assistance for environmental infrastructure and resource protection and development, including projects for wastewater treatment, water supply, surface water resource protection and development, and environmental restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007(\$000)	
	<u>Construction</u>	
Estimated Federal Cost	\$	40,000
Estimated Non-Federal Cost		13,333
Cash		0
Other		0
Total Estimated Cost	\$	53,333
Allocation thru 2004	\$	9,644
Allocation for FY 2005		3,770
Allocation for FY 2006		742
Allocation for FY 2007		3,074
Balance to Complete after FY 2007	22,770	<u>1/</u>
Benefit to Cost Ratio Applicable rate		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

1/ Reflects current authority limit (\$40M) less appropriated funds to date (\$20.9M) and adjustments for S&S / reprogrammings. Additional payback (\$295k) still owed program.

FY 2007 ACTIVITIES: Projects to be addressed with workplan funding: Boone and Kilsyth (construction); Marsh Fork (design).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phases ongoing and subject to future appropriation.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Byrd (WV), Rockefeller (WV); Rahall (WV-03).

DISTRICT: Huntington

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Water Supply

**PROJECT/STUDY NAME:** Three Rivers Wet Weather Demonstration Program, Allegheny County, PA

**AUTHORIZATION:** Section 219, WRDA 1992 P.L. 102-580; 106 Stat. 4797, as amended by Section 504, WRDA 1996 Stat. 3658; Section 502, WRDA 1999 P.L. 106-53; 113 Stat. 269 and Section 108, P. L. 106-554.

**LOCATION:** Allegheny County has over 80 communities with sanitary sewer systems that overflow raw sewage into streams and rivers during wet weather. This 200 square mile area contains a population of approximately 850,000.

**DESCRIPTION:** Project consists of technical, planning, design and construction assistance to the Three Rivers Wet Weather Demonstration Program (3RWWD) in the area of environmental infrastructure. Assistance is provided to priority areas of the County which are under a court order by the Commonwealth of Pennsylvania to eliminate sanitary sewer overflows.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$20,000 /1
Estimated Non-Federal Cost	5,000
Cash	TBD
Other	TBD
Total Estimated Cost	\$ 25,000
Allocation thru 2004	\$ 392
Allocation for FY 2005	390
Allocation for FY 2006	668
Allocation for FY 2007	1,426
Balance to Complete after FY 2007	17,124
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

/1 Authorized Program limit.

**FY 2007 ACTIVITIES:** Allocation will be used to execute a PCA, award a construction contract (4<sup>th</sup> quarter) for Sheraden Park; complete the letter report for Homestead Run; and Initiate a letter report for Pine Hollow.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Funding received in 2007 will complete construction of the Sheraden Park project in FY 2008.

**OTHER INFORMATION:** Additional funding of \$850,000 will be needed in FY 2008 to advance Homestead Run into construction.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Doyle, PA-14

DISTRICT: Pittsburgh

Date: 4 April 2007

MISSISSIPPI VALLEY DIVISION  
ENACTED FACT SHEETS, FY 2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION



# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Amite River and Tributaries, Bayou Manchac, LA

AUTHORIZATION: HR, Docket 2571, 23 Jul 98

LOCATION: The study area includes the entire Bayou Manchac Watershed, which is located in Ascension, East Baton Rouge, and Iberville Parishes.

DESCRIPTION: This multipurpose project will provide flood damage reduction and ecosystem restoration to the study area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$2,325
Estimated Non-Federal Cost	2,300
Cash	( 0)
Other	(2,300)
Total Estimated Cost	\$4,625
Allocation thru 2005	\$ 410
Allocation for FY 2006	124
FY 2007 Work Plan	300
Balance to Complete after FY 2007	\$1,491
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Funds are being used to run alternatives based on the completed model of existing conditions. The public meeting was completed and we are defining the existing conditions for the NEPA process are being defined.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Baker (LA-6) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Bossier Parish, LA

AUTHORIZATION: Supplemental Appropriation Act, 1983

LOCATION: Bossier Parish is located in the northwest corner of Louisiana, east of the Red River.

DESCRIPTION: The study is investigating alternatives to address water resource problems and needs in Bossier Parish, LA. Major streams located in the area include Red Chute, Bayou Bodcau, Loggy Bayou, Cypress Bayou, Flat River, and the Red River. Bossier Parish is affected by both headwater and backwater flooding.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$1,471
Estimated Non-Federal Cost	1,150
Cash	(575)
Other	(575)
Total Estimated Cost	2,621
Allocations thru FY 2005	218
Allocation for FY 2006	74
FY 2007 Work Plan	150
Balance to Complete after FY 2007	1,029
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete a project management plan, execute the feasibility cost-sharing agreement (FCSA) and initiate feasibility studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Reconnaissance studies indicated a Federal interest in pursuing cost-shared feasibility studies. There are approximately 101,000 people in the 100-year flood plain area.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Sen: Vitter and Landrieu (LA); House: McCrery (LA-04)

DISTRICT: Vicksburg

DATE: 14 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Crookston, Minnesota (Red River of the North Basin)

AUTHORIZATION: SR, 30 Sep 74

LOCATION: City of Crookston, Polk County, Minnesota located approximately 25 miles east of Grand Forks, North Dakota.

DESCRIPTION: Feasibility Study for flood damage reduction efforts for areas along the Red Lake River in the City of Crookston, Minnesota providing flood protection for the Sampson's, Chase/Loring, and Jerome's neighborhoods.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$ 340
Estimated Non-Federal Cost	\$ 340
Cash	(0)
Other	(340)
Total Estimated Cost	\$ 680
Allocation thru FY 2005	0
Allocation for FY 2006	59
FY 2007 Work Plan	0
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Study at Crookston, MN was terminated on 31 Aug 06 based on the lack of a non-Federal sponsor. No additional activities are planned.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Peterson (MN-7); Sen: Coleman and Klobuchar (MN)

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Davenport, Iowa

AUTHORIZATION: Sec 201, FCA 1970.

LOCATION: The flood control project is located at Davenport, Iowa (population of 102,000 – 1999 census) in Scott County, on the right descending bank of the Mississippi River.

DESCRIPTION: An Engineering Documentation Report dated November 2005 recommends construction of a separable element of the authorized flood damage reduction project at Davenport, Iowa to protect the Davenport Water Treatment Plant which provides drinking water to over 130,000 people. The project includes construction of approximately 0.5 mile of floodwalls and levees that would protect the treatment plant area from a 200-year flood event. The estimated project cost for construction is \$7.0 million. The local sponsor, the City of Davenport, would be responsible for providing during construction a minimum of 25%, but not to exceed 50%, of total project costs assigned to structural flood control specified as follows: a minimum cash contribution of 5%; all lands, easements, rights-of-way, relocations, and disposal area facilities necessary for the project; and, any additional cash contributions necessary to make the total non-Federal contributions equal to 25% of total project costs assigned to structural flood control. The local sponsor would also be responsible for operation, maintenance, repair, replacement, and rehabilitation of the completed project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$761
Estimated Non-Federal Cost	254
Cash	(254)
Other	(0)
Total Estimated Cost	1,015
Allocation thru FY 2005	483
Allocation for FY 2006	198
FY 2007 Work Plan	80
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( 5 1/8 %)	2.26
Benefit to Cost Ratio at 7%	1.69
Remaining Benefits Remaining Costs Ratio (7%)	1.69

FY 2007 ACTIVITIES: Complete preconstruction engineering and design activities including preparation of final plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: The project was authorized for construction in 1970 as part of a larger project to protect the Davenport riverfront, but construction was never initiated. A Limited Reevaluation Study was initiated in September 2001 at the request of the City of Davenport. This study determined that a separable element of the authorized project to protect the water treatment plant may be economically justified and resulted in a recommendation in June 2002 to prepare a detailed Engineering Documentation Report. The local sponsor is the City of Davenport, Iowa. The design agreement was executed on March 24, 2003.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Braley (IA-01); Sen: Grassley & Harkin (IA).

DISTRICT: Rock Island

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Des Moines and Raccoon Rivers, Iowa

AUTHORIZATION: House Resolution dated July 1, 1958 and Sec 216, FCA 1970.

LOCATION: The City of Des Moines, Iowa.

DESCRIPTION: During the Great Flood of 1993, Polk County suffered more than \$152,000,000 in flood damages, mostly in the Des Moines metropolitan area. The March 28, 2006 Chief of Engineers Report recommends constructing flood damage reduction facilities to protect vulnerable areas of Des Moines. The recommended plan includes reconstructing 13,300 feet of levees, improving 19 closure structures, and constructing a recreation trail on a segment of the Birdland Park levee. The proposed project would provide improved flood protection to over 850 residential properties and 650 commercial/industrial properties with estimated 500-year flood damages of over \$325 million. The project is economically justified and has a benefit-cost ratio of 2.7 to 1 and a total project cost of \$10.780,000. The City of Des Moines is local sponsor and would be responsible for a 35% cost share of all flood damage reduction components and a 50% cost share of recreation components. The project is not authorized for construction.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007(\$000)
	<u>PED</u>
Estimated Federal Cost	\$1,005
Estimated Non-Federal Cost	335
Cash	(335)
Other	(0)
Total Estimated Cost	1,340
Allocation thru FY 2005	17
Allocation for FY 2006	248
FY 2007 Work Plan	300
Balance to Complete After FY 2007	440
Benefit to Cost Ratio Applicable Rate (5-1/8%)	2.7
Benefit to Cost Ratio at (7%)	1.9
Remaining Benefits Remaining Costs Ratio (7%)	2.0

FY 2007 ACTIVITIES: Continue Preconstruction Engineering and Design (PED) activities, including preparation of final plans and specifications.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: September 2008

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Boswell (IA-3); Senators Harkin and Grassley (IA).

DISTRICT: Rock Island

DATE: 16 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Donaldsonville to the Gulf, LA

AUTHORIZATION: HR15 May 1998, Docket 2554

LOCATION: The study area is located in southeast Louisiana between Bayou Lafourche and the Mississippi River, from Donaldsonville to the Gulf of Mexico.

DESCRIPTION: The expected study outcome will be to reduce flooding from hurricanes, tidal surges, rainfall events, protect hurricane evacuation routes, reduce agricultural and structural damages, and restore environmentally stressed habitat.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$4,039 *
Estimated Non-Federal Cost	3,500
Cash	(618)
Other	(2,882)
Total Estimated Study Cost	7,539
Allocations thru FY 2005	3,225
Allocation for FY 2006(E&WD)	732
Allocation for FY 2006 (DOD Supp)	490**
FY 2007 Work Plan	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining to Costs Ratio at 7%	TBD

\* Includes cost of Reconnaissance Study

\*\*Supplemental funds of \$82 will be used to continue feasibility in FY 2007 and \$408 will be used to initiate PED in FY2008.

FY 2007 ACTIVITIES: FY 2006 carryover funds are being used to continue the feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY2008.

OTHER INFORMATION: Study is within the South Louisiana Comprehensive Coastal Protection Project area. One of the levee alignments under consideration would provide primary hurricane protection for the West Bank and Vicinity Hurricane Protection area, and the west banks Orleans, Saint Charles, and Plaquemines Parishes, the major population areas on the west bank of the Mississippi River.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senators Landrieu, and Vitter (LA); Melancon (LA-3), Jindal (LA-1), Jefferson (LA-2), Baker (LA-6).

DISTRICT: New Orleans

DATE: 11 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Hot Springs, Garland County, AR

AUTHORIZATION: Resolution of the Senate Committee on Public Works adopted 5 Oct 72.

LOCATION: Hot Springs is located in west-central Arkansas, southwest of Little Rock.

DESCRIPTION: This study is identifying alternatives to address flooding in Hot Springs.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$950
Estimated Non-Federal Cost	850
Cash	(850)
Other	( 0)
Total Estimated Cost	1,800
Allocations thru FY 2005	99
Allocation for FY 2006	99
FY 2007 Work Plan	0
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None. The study was terminated on 5 January 2007 due to non-Federal sponsor's inability to cost share in the feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Hot Springs, AR, is drained by Hot Springs, Gulpha, Stokes, and Molly Creeks, with a drainage area of 51 square miles. These creeks fall from 35 to 95 feet per mile and vary in top bank widths from 15 to 120 feet. The central business district lies in a narrow, approximately 300-foot-wide valley through which Hot Springs Creek flows. Flooding along the Hot Springs Creek approaches catastrophic proportions in the central business district where the average rate of rise has reached 8.4 feet per hour and overbank depths have reached 9 feet with velocities of 15 feet per second. Two lives have been lost due to flooding--one during the flood of 15 February 1956 and the second during the flood of 16 July 1963. Estimated damages from each major flood occurring in 1923, 1956, 1963, 1974, 1982, and 1990 range from \$1 to \$1.5 million. A reconnaissance report was completed in May 1990. The cost-shared feasibility study was terminated when the local sponsor withdrew its support on 9 January 1995. By letter, 6 March 2001, the City of Hot Springs, AR, requested that a new reconnaissance study be undertaken to address the flooding problems. Congress added funds in FY 2003 to initiate a reconnaissance study. A 905(b) analysis was approved in June 2005. Draft Project Management Plan and Feasibility Cost-Sharing Agreement were provided to the non-Federal sponsor on 27 September 2006 for review and comment. The sponsor notified the District by fax in January 2007 that it was unable to cost share the feasibility study.

ADMINISTRATION POSITION: Support.

CONGRESSIONAL INTEREST: Senate: Lincoln, Pryor (AR); House: Ross (AR-4)

DISTRICT: Vicksburg

DATE: 14 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: LA Coastal Protection and Restoration (LaCPR), LA

AUTHORIZATION: E&WD 2006 and Emergency Supplemental Appropriations Act of 2006, Chapter 3 (P.L. 109-148), 30 Dec 05; Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Hurricane Recovery, 2006, (4<sup>th</sup> Supplemental) (P. L. 109-234) 16 Jun 07, mandates that the \$12 million is 100% Federal.

LOCATION: The project is located in southern Louisiana.

DESCRIPTION: Funds were provided to conduct a comprehensive hurricane protection analysis and design to develop and present a full range of flood control, coastal restoration, and hurricane protection measures for South Louisiana. Funds of \$20,000,000 were provided at full Federal expense.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$21,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 21,000
Allocation for FY 2005	\$ 0
Allocation for FY 2006 (E&WD)	8,000
Allocation for FY 2006 (DoD Supp)	12,000
FY 2007 Work Plan	0
Balance to Complete after FY 2007	1,000
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Work is underway on the final technical report. Extensive modeling, environmental analysis, design, and public coordination efforts are being performed. A risk informed decision framework is being developed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Funds were provided to produce a preliminary technical report in 6 months and a final technical report in 24 months.

ADMINISTRATION POSITION: Undetermined – pending completion of the report.

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter, LA, Jindal LA-1, Jefferson LA-2, Melancon LA-3, Baker LA-6, and Boustany LA-7

DISTRICT: New Orleans

DATE: 18 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Memphis Metropolitan Area, Storm Water Management, TN & MS

AUTHORIZATION: US House Committee on Transportation & Infrastructure Resolution dated 7 March 1996.

LOCATION: The study area includes all or part of five counties: Fayette, Shelby, and Tipton in Tennessee; DeSoto and Marshall in Mississippi.

DESCRIPTION: The study area encompasses all or parts of six major drainage basins, covering approximately 2,600 square miles. The purpose of the study is to evaluate the need for additional improvements for flood control, ecosystem restoration, water quality, and related purposes associated with storm water runoff and management in the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$ 300
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 300
Allocation thru 2005	\$ 0
Allocation for FY 2006	120
FY 2007 Work Plan	150
Balance to Complete after FY 2007	30
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Current year funds are being used to continue studies in the remaining three drainage areas in Shelby and Tipton Counties: Cole Creek, Hebron Branch, and the Pidgeon Industrial Ditch. Studies will focus on identifying any problems and opportunities within the study area.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008, subject to availability of funding in FY 2008, approval and certification of the reconnaissance report, and the signing of a feasibility cost sharing agreement with potential sponsors.

OTHER INFORMATION: A waiver was approved to increase the traditional study cost from \$100,000 to \$300,000 because of the size of the study area and the number of potential sponsors that will require coordination. Three of the drainage basins were investigated in 2006, but no Federal interest was identified. The benefit cost ratio will be determined during study analyses.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Blackburn (TN-7), Tanner (TN-8), Cohen (TN-9);  
Senate: Alexander and Corker (TN)

DISTRICT: Memphis

Date: 11 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Millington & Vicinity, Tennessee

AUTHORIZATION: US House Committee on Transportation & Infrastructure Resolution dated 7 March 1996.

LOCATION: The Millington and Vicinity study area encompasses the Big Creek drainage basin, an area of approximately 154 square miles and is located in Shelby and Tipton Counties, TN.

DESCRIPTION: The City of Millington and Vicinity is experiencing increased water elevations and erosion along Big Creek and tributaries due to urban development and runoff in the area. The purpose of the study is to identify possible solutions.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 311
Estimated Non-Federal Cost	276
Cash	(276)
Other	0
Total Estimated Cost	\$ 587
Allocation thru 2005	\$ 178
Allocation for FY 2006	133
FY 2007 Work Plan	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete feasibility studies and a preliminary draft report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008, due to the sponsor's request for additional investigations that will focus on environmental restoration and recreation benefits. Estimated annual damages to urban development from runoff during storm events are not significant enough to justify a Federal flood damage reduction project.

OTHER INFORMATION: Expect to complete the feasibility study using GI funding for PED and then request approval to convert the study to a CAP project so that the environmental restoration and recreation features could be constructed under the Continuing Authorities Program.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Tanner (TN-8); Senate: Alexander and Corker (TN).

DISTRICT: Memphis

Date: 11 April 2007

FACT SHEET  
 FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Morganza to the Gulf, LA

AUTHORIZATION: HR, Docket 2376, April 30, 1992, and WRDA 96 (PL 104-303, Sec. 425)

LOCATION: The project is located in south Louisiana between the Mississippi and Atchafalaya rivers. Bayou Lafourche forms the eastern study boundary and Bayou du Large and Louisiana Highway 311 form the western boundary. The eastern and western boundaries form the apex of a triangle at Thibodaux, Louisiana. The southern boundary is the Gulf of Mexico.

DESCRIPTION: The Recommended Plan consists of a hurricane protection system that includes approximately 72-miles of earthen levees, ten 56' wide floodgates, three 125' wide floodgates, and a Lock Complex consisting of a 110' wide by 800' long lock with an adjacent 200' floodgate. The plan also includes twelve sets of 6' by 6' box culverts through the levees to allow normal tidal ebb and flow. Mitigation features of the plan include creation of 1,352 acres of marsh habitat and widening a 10,600' canal to 40' to enhance freshwater flow into the system. A 2004 Appropriation Act (P.L. 108-137) authorized Reach J-1 for construction by the Local Sponsor.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	Reach J- 1 (\$000)
	<u>PED</u>	<u>CONSTRUCTION</u>
Estimated Federal Cost	52,000	350
Estimated Non-Federal Cost	17,333	18,000
Cash	(17,333)	(0)
Other	(0)	(18,000)
Total Estimated Cost	69,333	18,350
Allocations thru FY 2005	16,662	0
Allocations for FY 2006 (E&WD)	3,960	0
Allocations for FY 2006 (DOD Supp)	7,000	0
FY 2007 Work Plan	1,000	0
Balance to Complete after FY 2007	23,378	350
Benefit to Cost Ratio Applicable rate (6.625%)	2.1	
Remaining Benefits Remaining Costs Ratio (7%)		1.7

FY 2007 ACTIVITIES: FY 2007 PED funds are being used to continue the pre-construction, engineering and design phase of the study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED could be completed by FY 2007.

OTHER INFORMATION: Construction authorization is required for the remainder of the project. Construction of Reach J-1 by the local sponsor (previously authorized) is 75% complete.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senators Vitter and Landrieu, (LA); Melancon (LA-3), Baker (LA-6); Boustany (LA-7).

DISTRICT: New Orleans

DATE: 11 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Pearl River Watershed, MS

AUTHORIZATION: House and Senate Resolutions adopted 9 May 1979.

LOCATION: The study area is located in that portion of the Jackson, Mississippi, metropolitan area below the Ross Barnett Reservoir dam which is subject to flooding from the Pearl River.

DESCRIPTION: The Jackson Metropolitan Area, a primary regional economic center, suffers annual flood damages attributable to the Pearl River of approximately \$10 million. The flood of record occurred in 1979 causing \$440 million in damages in today's dollars. The feasibility study is investigating alternatives for flood damage reduction.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$3,375
Estimated Non-Federal Cost	2,834
Cash	(658)
Other	(2,176)
Total Estimated Cost	6,209
Allocations thru FY 2005	2,731
Allocation for FY 2006	644
FY 2007 Work Plan	
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (4-7/8%)	1.2
Benefit to Cost Ratio at 7%	0.86
Remaining Benefits Remaining Costs Ratio (7%)	0.86

FY 2007 ACTIVITIES: Funds are being used to prepare a preliminary draft report documenting study findings.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Study efforts include updating of a comprehensive levee plan proposed in a 1996 draft report and investigation of a lakes plan proposed by local interests as an alternative to the levee plan. There are approximately 10,000 people who live in the 100-year flood plain. Studies indicate the locally preferred LeFleur Lakes Plan (estimated cost \$1.4 billion) provides significant flood damage reduction; however, the plan is not economically feasible. The LeFleur Lakes Plan also results in significant adverse environmental impacts. The levee plan has a benefit-cost ratio of 1.2 at the current interest rate of 4-7/8 percent. The LeFleur Lakes Plan has a benefit-cost ratio of 0.2 at the current interest rate of 4-7/8 percent. The preliminary draft report was given to the local sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy but a low budget priority.

CONGRESSIONAL INTEREST: Senate: Lott and Cochran (MS); House: Thompson (MS-02), and Pickering (MS-03).

DISTRICT: Vicksburg

DATE: 14 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Red River of the North Basin, MN, ND, SD & Manitoba, Canada

AUTHORIZATION: SR, 30 Sep 74

LOCATION: The Red River of the North is located on the eastern edge of North Dakota, and its basin includes parts of Minnesota, North Dakota, South Dakota, and Manitoba (Canada).

DESCRIPTION: A basin-wide reconnaissance study began in 2000, and a reconnaissance report was approved in September 2002. The 2002 reconnaissance study has already led to three feasibility studies and two supplemental reconnaissance efforts. It continues to be a vehicle for developing additional feasibility studies for flood damage reduction and ecosystem restoration in the Red River Basin. A proposed basin-wide main stem study and a potential Pembina River feasibility study are on hold pending non-Federal sponsorship. The City of Fargo has requested a supplemental recon study to evaluate flood damage reduction in the Second Street area of downtown Fargo.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$ 7,660
Estimated Non-Federal Cost	6,610
Cash	(3,000)
Other	(3,610)
Total Estimated Cost	\$14,270
Allocation thru FY 2005	\$ 505
Allocation for FY 2006	60
FY 2007 Work Plan	60
Balance to Complete after FY 2007	7,035
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Complete the Pembina River Recon study; initiate the Fargo Second Street Recon study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To Be Determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Peterson (MN-07), Pomeroy (ND-AL); Sen: Coleman and Klobuchar (MN); Conrad and Dorgan (ND)

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: River des Peres, Missouri

AUTHORIZATION: Section 101(a)(17) of WRDA 1990 (Public Law 101-640)

LOCATION: River des Peres drains a 111-square mile area in the city of St. Louis and St. Louis County, Missouri, and empties into the Mississippi River.

DESCRIPTION: This project includes University City and Deer Creek and will reduce flood damages affecting 550 structures within both industrial and residential areas. The University City portion consists of channel enlargement and stabilization along 2.5 miles of the University City branch of upper River des Peres and 1.85 mile recreation trail within the improved channel right-of-way. The Deer Creek portion consists of 2.5 miles of channel widening and stabilization improvements along with a recreational trail through Brentwood, Maplewood, Rock Hill, and Webster Groves.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 3,867
Estimated Non-Federal Cost	1,289
Cash	(1,289)
Other	(0)
Total Estimated Cost	\$ 5,156
Allocation thru FY 2005	1,693
Allocation for FY 2006	99
FY 2007 Work Plan	70
Balance to Complete after FY 2007	\$ 2,005
Benefit to Cost Ratio Applicable rate (8.625%)	1.6
Benefit to Cost Ratio (7%)	2.0
Remaining Benefits Remaining Costs Ratio (7%)	2.1

FY 2007 ACTIVITIES: Continue the alternative plan formulation as part of the reevaluation of University City.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: University City is the local sponsor for the University City portion. The city of Brentwood and the Metropolitan St. Louis Sewer District have shown renewed interest in the Deer Creek portion, which is on hold pending a cost-share sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Clay (MO-01) and Carnahan (MO-03); Sen: Bond and McCaskill (MO)

DISTRICT: St. Louis

DATE: 14 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Roseau, Minnesota

AUTHORIZATION: SR, 30 Sep 74

LOCATION: Roseau, Minnesota is located in Roseau County in northwestern Minnesota approximately 10 miles south of the Canadian border and 65 miles east of the North Dakota border.

DESCRIPTION: The recommended locally preferred plan consists of a 150-foot-wide east side diversion channel, three bridges, a restriction structure, and two storage areas designed to reduce flood stages in the city with stage decreases upstream of Roseau to Malung. This plan will remove almost the entire city from the 100-year regulatory floodplain and reduces future flood damages by nearly 86 percent.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>	FY 2007 (\$000) <u>PED</u>
Estimated Federal Cost	\$ 656	\$ 475
Estimated Non-Federal Cost	656	158
Cash	( 656)	(158)
Other	(0)	(0)
Total Estimated Cost	\$ 1,312	\$ 633
Allocations thru FY 2005	\$ 588	\$ 0
Allocation for FY 2006	68	74
FY 2007 Work Plan	0	401
Balance to Complete after FY 2007	0	0
Benefit to Cost Ratio Applicable rate (5.125%)	2.9	2.9
Benefit to Cost Ratio at 7%	2.2	2.2
Remaining Benefits Remaining Costs Ratio (7%)	NA	NA

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete plans and specifications for the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: Feasibility study was completed in Aug 06 and the Chief's Report was signed in Dec 06. The PED phase of the study began late in FY 2006 and will continue thru FY 2007.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Peterson (MN-7); Sen: Coleman and Klobuchar (MN)

DISTRICT: St. Paul

Date: 16 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: St. Bernard Parish Urban Flood Control, LA

AUTHORIZATION: HR, Docket 2600, 22 Apr 99

LOCATION: St. Bernard Parish is located on the east bank of the Mississippi River south of, and contiguous to the city of New Orleans, LA.

DESCRIPTION: The feasibility study is investigating the drainage system related problems in St. Bernard Parish and will focus on providing flood damage reduction for the twenty-five year and ten-year rainfall events, while also reducing damages for larger events.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
Estimated Federal Cost	\$ 1,766	<u>Study</u>
Estimated Non-Federal Cost	1,658	
Cash	(1,658)	
Other	(0)	
Total Estimated Cost	\$ 3,424	
Allocation thru FY 2005	\$ 1,051	
Allocation for FY 2006 (E&WD)	315	
Supplemental Appropriations FY 2006 (DoD Supp)	1,200	
FY 2007 Work Plan	0	
Balance to Complete after FY 2007	0	
Benefit to Cost Ratio Applicable rate (1.95%)	N/A	
Remaining Benefits Remaining Costs Ratio (7%)		N/A

FY 2007 ACTIVITIES: Advance the feasibility study closer to completion, advance NEPA documentation, and complete all engineering documentation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: Supplemental funds in the Department of Defense Appropriations Act of 2006 provided \$1,200,000 to advance the completion of the study. The study has been temporarily postponed due to the impacts of Hurricane Katrina. Both local sponsors, the Lake Borgne Levee District and the St. Bernard Parish Government, were financially impacted by Hurricane Katrina and will wait until June 2007 before continuing the study. New study cost estimate will be developed upon resumption of study. Original completion date for the study before Hurricane Katrina was early FY 2007 and is now being determined.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Melancon (LA-3) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

DATE: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**STUDY NAME:** St. Charles Parish Urban Flood Control, LA

**AUTHORIZATION:** HR, Docket 2599, 22 Apr 99, and P.L. 109-148 Third Supplemental Appropriations Act 2006, 30 Dec 05.

**LOCATION:** St. Charles Parish is located west of the city of New Orleans, LA, with its northern boundary along the southwest shore of Lake Pontchartrain.

**DESCRIPTION:** The study is addressing rainfall flooding problems in St. Charles Parish. The parish suffered severe rainfall flooding in Nov 1989, May 1995, and Sep 1998. Total damage payments since 1978 are \$72M, with over 3,000 claims. Hurricane protection projects planned or underway are intended to reduce flooding associated with storm surges, but will not address problems associated with rainfall flooding.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 2,975
Estimated Non-Federal Cost	2,745
Cash	(794)
Other	(1,951)
Total Estimated Cost	\$ 5,720
Allocation thru FY 2005	\$ 613
Allocation for FY 2006 (E&WD)	198
Supplemental Appropriations FY 2006 (DoD Supp)	1,100
FY 2007 Work Plan	0
Balance to Complete after FY 07	1,064
Benefit to Cost Ratio Applicable rate (6.125%)	1.28
Benefit to Cost Ratio at 7%	Not Available
Remaining Benefits Remaining Costs Ratio	1.28

**FY 2007 ACTIVITIES:** Funds are being used to complete hydraulic modeling of existing conditions and alternatives and continue economic and environmental studies of without-project conditions.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** To be determined.

**OTHER INFORMATION:** Supplemental funds in the Department of Defense Appropriations Act of 2006 provided \$1,100,000 to advance the completion of the study. Funds will be used to perform surveys, take soil borings, and design alternatives, as well as to conduct economic and environmental analyses of alternatives.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Melancon (LA-3) and Senators Landrieu and Vitter, LA.

**DISTRICT:** New Orleans

**DATE:** 16 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Southeast Arkansas, AR

AUTHORIZATION: Resolution of the Senate Committee on Environment and Public Works adopted 23 June 1988.

LOCATION: The project area includes the Boeuf-Tensas and Bayou Bartholomew Basins of southeast Arkansas. Counties included are Jefferson, Lincoln, Drew, Ashley, Chicot, and Desha.

DESCRIPTION: The study will address current flooding, ecosystem restoration and water supply problems and needs.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$5,153
Estimated Non-Federal Cost	4,582
Cash	(4,295)
Other	(287)
Total Estimated Cost	9,735
Allocations thru FY 05	3086
Allocation for FY 06	432
FY 2007 Work Plan	378
Balance to Complete after FY 07	1,257
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue cost-shared feasibility phase studies, including the developmental of a feasibility report and a watershed management plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Flooding between November 1982 and January 1983 caused damages in excess of \$47 million to approximately 1,170,000 acres of primarily agricultural lands in the Boeuf-Tensas Basin. In addition, approximately 101,000 people live in the 100-year flood plain. Significant ecosystem restoration opportunities have been identified since completion of the reconnaissance report. Extensive multipurpose water use has induced ground-water declines and salt water intrusion in the area. Flood damage reduction and ecosystem restoration are in the Federal interest and justify continuation of this important effort.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Ross (AR-04) and Berry (AR-01); Senate: Lincoln and Pryor (AR).

DISTRICT: Vicksburg

DATE: 11 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Southwest Coastal Louisiana, LA

AUTHORIZATION: HR, Docket 2747, 7 Dec 05

LOCATION: Cameron, Calcasieu, and Vermilion Parishes

DESCRIPTION: The study will formulate solutions to provide hurricane protection and storm damage reduction in Cameron, Calcasieu, and Vermilion Parishes and will include the feasibility of constructing an armored 12-foot levee along the Gulf Intracoastal Waterway.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	Study \$8,000
Estimated Non-Federal Cost	7,500
Cash	(7,500)
Other	(0)
Total Estimated Cost	\$15,500
Allocation for FY 2005	\$ 0
Allocation for FY 2006 (DoD Supp Approp)	500
FY 2007 Work Plan	400
Balance to Complete after FY 2007	7,100
Benefit to Cost Ratio Applicable rate (____ %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Reconnaissance study phase will be completed in April 2007. \$400,000 will be used to initiate the feasibility phase. Activities would include plan formulation, hydrology and hydraulic, economic inventory and preliminary analysis, environmental documentation, and stakeholder and public involvement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Reconnaissance study phase will be completed in April 2007. Feasibility study phase completion to be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Boustany (LA-07) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

DATE: 16 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Tensas River Basin, LA

AUTHORIZATION: Flood Control Acts of 1928, 1944, and 1965.

LOCATION: The Tensas River Basin includes parts or all of Catahoula, Concordia, Richland, East Carroll, West Carroll, Ouachita, Morehouse, Franklin, Madison, and Tensas Parishes, Louisiana.

DESCRIPTION: Flooding, water use, and environmental resources decline continue to be problems in the basin. The need to balance these competing demands is becoming more critical to ensure the wise and efficient use of the basin's water resources.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$11,550
Estimated Non-Federal Cost	11,000
Cash	(5,500)
Other	(5,500)
Total Estimated Cost	22,550
Allocations thru FY 05	571
Allocation for FY 06	223
FY 2007 Work Plan	0
Balance to Complete after FY 2007	10,756
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None. The study was terminated in FY 2006 due to inability of local sponsor to enter into cost-sharing agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: There was no local sponsor capable of providing the non-Federal funds. Negotiations with potential sponsors, including Louisiana state agencies, failed to locate a cost-sharing sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senate: Landrieu and Vitter (LA); House: Alexander (LA-05).

DISTRICT: Vicksburg

DATE: 11 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Upper Mississippi River Comprehensive Plan, IL, IA, MO, MN, WI

AUTHORIZATION: Sec 459 of WRDA 99, modified by Sec 404 of WRDA 00.

LOCATION: The study area includes the Upper Mississippi River above Cairo, Illinois, and the Illinois River.

DESCRIPTION: The Comprehensive Plan has evaluated several alternative plans to address flood damage reduction on a systemic basis. Also considered is: continued maintenance and improvement of the navigation project, management of nutrients and sediment, including bank erosion, habitat management, and increased recreation opportunities in the Upper Mississippi and Illinois River basins. The plan has identified potential future management actions and addressed recommendations for systemic improvements including both structural and nonstructural measures. Development and assessment of alternatives has been a collaborative effort among three Corps Districts, other Federal agencies, the states of IL, IA, MO, MN, and WI, and non-governmental stakeholders. Development of the Comprehensive Plan is being coordinated closely with the Upper Mississippi River and Illinois Waterway System PED effort.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$6,000
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$6,000
Allocation thru FY 2005	4,719
Allocation for FY 2006	395
FY 2007 Work Plan	500
Balance to Complete after FY 2007	386
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete development of alternative plans, develop a risk informed decision framework, and forward the report to higher level headquarters for review and policy compliance.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: As authorized in Sec. 459 of WRDA 99, the comprehensive plan is not cost-shared. Any resulting feasibility studies will be cost-shared.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Loeb sack (IA-2); Boswell (IA-3); Latham (IA-4); Costello (IL-12); Hare (IL-17); LaHood (IL-18) and Shimkus (IL-19); Walz (MN-1); Hulshof (MO-9) and Kind (WI-3). Sen: Grassley and Harkin (IA); Durbin and Obama (IL); Bond and McCaskill (MO).

DISTRICT: Rock Island

DATE: 16 Apr 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: West Shore – Lake Pontchartrain, LA

AUTHORIZATION: HR, 29 Jul 71 and SR, 20 Sep 74

LOCATION: The study area, which includes portions of St. Charles, St. John the Baptist, and St. James Parishes, is located west of the Bonnet Carre' Spillway between the Miss River and Lakes Pontchartrain and Maurepas. Communities within the study area include Laplace, Reserve, Lutchet, Gramercy, and Garyville.

DESCRIPTION: Major flooding problems in the study area occurred from Hurricanes Betsy (1965), Juan (1985), and Rita (2005) and the 1973 flood on the more than 18,000 homes and businesses located in the project area. The average annual damages under existing conditions are estimated at \$27 million giving the project an estimated 2.4 benefit-cost ratio. A total of 8 alternative alignments for providing increased levels of hurricane protection were evaluated during plan formulation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Study</u>	
Estimated Federal Cost	\$ 2,697	
Estimated Non-Federal Cost	2,172	
Cash	(2,172)	
Other	(0)	
Total Estimated Cost	\$ 4,869	
Allocation thru FY 2005	\$1,875	
Allocation for FY 2006	124	
FY 2007 Work Plan	200	
Balance to Complete after FY 2007	\$ 498	
Benefit to Cost Ratio Applicable rate ( _%)	NA	
Benefit to Cost Ratio at 7%	NA	
Remaining Benefits Remaining Costs Ratio (7%)		NA

FY 2007 ACTIVITIES: Resolve issues with the local sponsor on the project alignment and continue feasibility study efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Jindal (LA-1), Melancon (LA-3), Baker (LA-6) and Senators Landrieu & Vitter, LA.

DISTRICT: New Orleans

DATE: 16 April 2007

# CONSTRUCTION



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Bois Brule Levee and Drainage District, Missouri

AUTHORIZATION: FCA 36 and 65; WRDA 99; E&WDAA 02.

LOCATION: The project is located on the right bank of the Mississippi River and is predominately in Perry County, Missouri, but has a small part in Randolph County, Illinois.

DESCRIPTION: The existing project consists of 33.1 miles of levee, 341 relief wells, and 4 pump stations. The deficiency correction work will provide additional underseepage control measures in the form of 297 relief wells, seepage berms, and a seepage cutoff trench; ditching and culvert improvements; three additional pump stations; and restoring the elevation of some parts of the back levee.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 27,264
Estimated Non-Federal Cost	710
Cash	(0)
Other	(710)
Total Estimated Cost	\$ 27,974
Allocation thru FY 2005	3,640
Allocation for FY 2006	1,792
FY 2007 Work Plan	1,560
Balance to Complete after FY 2006	20,272
Benefit to Cost Ratio Applicable rate (6.125%)	1.2
Benefit to Cost Ratio (7%)	1.2
Remaining Benefits Remaining Costs Ratio (7%)	1.6

FY 2007 ACTIVITIES: Funds are being used to construct a seepage cutoff trench and part of a seepage berm and continue to support the sponsor's acquisition of lands and easements for the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Eighty-seven relief wells have been constructed.

ADMINISTRATION POSITION: Inconsistent with Administration Policy.

CONGRESSIONAL INTEREST: House: Emerson (MO-8); Sen: Bond and McCaskill (MO).

DISTRICT: St. Louis

DATE: 14 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Breckenridge, Minnesota

AUTHORIZATION: Section 320, WRDA 2000

LOCATION: Breckenridge is located in Wilkin County along the Red River of the North, which divides Breckenridge, Minnesota from Wahpeton, North Dakota.

DESCRIPTION: Overland flooding from the Red River of the North causes frequent and significant flood related problems for the city. The project includes a diversion channel and a system of levees to protect the city from flood related damages.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 17,000
Estimated Non-Federal Cost	12,400
Cash	(1,470)
Other	(10,930)
Total Estimated Cost	\$ 29,400
Allocations thru FY 2005	\$ 8,673
Allocation for FY 2006	1,114
FY 2007 Work Plan	2,400
Balance to Complete after FY 2007	4,813
Benefit to Cost Ratio Applicable rate (6 5/8%)	1.5
Benefit to Cost Ratio at 7%	1.4
Remaining Benefits Remaining Costs Ratio (7%)	2.1

FY 2007 ACTIVITIES: Funds are being used to continue Stage 2 plans and specifications and award the first stage of levee construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: Existing local levees provide marginal protection due to their incomplete coverage and unreliable condition. Failure of these existing levees during a large flood could cause catastrophic damages. The City of Breckenridge is very concerned about the adequacy of the levee system. During the 1997 flood, over \$35 million in flood damages were experienced in Breckenridge. Construction of the project is closely linked to construction of the Wahpeton, North Dakota, Section 205 project; the two projects must be constructed concurrently. Inadequate Federal funding for Breckenridge is delaying both projects. The State of Minnesota is very supportive of a permanent flood control project.

ADMINISTRATION POSITION: Received clearance of decision document by OMB on 20 Mar 07.

CONGRESSIONAL INTEREST: House: Peterson (MN-7) and Pomeroy (ND-AL); Sen: Klobuchar and Coleman (MN) and Conrad and Dorgan (ND).

DISTRICT: St. Paul

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Cape Girardeau (Floodwall), Missouri

AUTHORIZATION: Section 204, FCA 50; E&WDAA 04.

LOCATION: The project is located on the right bank of the Mississippi River flood plain between river miles 51.6 and 52.8 above the Ohio River in Missouri.

DESCRIPTION: The area protected by the Cape Girardeau flood protection project lies within the corporate limits of the City of Cape Girardeau, Missouri. The overall length of the project is 8,240 feet consisting of 2,175 feet of levee; 6,065 feet of floodwall; 2 pumping stations; 5 closure structures; and other appurtenant structures. The reconstruction includes rock berm to stabilize existing retaining wall; floodwall work (joint repairs, toe drain replacement, soil stabilization and closure gate seal replacement) and pump stations (mechanical, electrical, and culvert work).

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 9,000
Estimated Non-Federal Cost	500
Cash	(500)
Other	(0)
Total Estimated Cost	\$ 9,500
Allocation thru for FY 2005	1,242
Allocation for FY 2006	297
FY 2007 Work Plan	300
Balance to Complete after FY 2007	7,161
Benefit to Cost Ratio Applicable rate (N/A)	N/A
Benefit to Cost Ratio (7%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to address comments on the Engineering Documentation Report; coordinate/execute the Project Cooperation Agreement (PCA); and construct a portion of the rock berm to stabilize existing retaining wall, pending report and PCA approval.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Local sponsorship currently is provided by two levee districts. The City of Cape Girardeau is in the process of assuming project sponsorship from the two existing levee districts.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Emerson (MO-8); Sen: Bond and McCaskill (MO).

DISTRICT: St. Louis District

DATE: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Chesterfield, Missouri

AUTHORIZATION: Section 101(b)(18), WRDA 00.

LOCATION: The Chesterfield project is located along the right bank of the Missouri River between river miles 46 and 38.5.

DESCRIPTION: The existing private levee system is 11.5 miles and protects approximately 4,240 acres from the 100-year flood event. During the Great Flood of 1993, the existing levee failed causing flood damages in excess of \$200,000,000. The project consists of raising the existing levees on the Missouri River and Bonhomme Creek to provide protection from a 500-year flood event along with relief wells, a sheet pile cutoff, and berms to control underseepage. Other features include roadways, railroad and roadway closure structures, retaining walls, relocations, pumping stations with gravity structures, and environmental mitigation features.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 44,647
Estimated Non-Federal Cost	24,041
Cash	(3,434)
Other	(20,607)
Total Estimated Cost	\$ 68,688
Allocation thru FY 2005	1,453
Allocation for FY 2006	891
FY 2007 Work Plan	0
Balance to Complete after FY 2006	42,303
Benefit to Cost Ratio Applicable rate (6.625%)	2.1
Benefit to Cost Ratio (7%)	2.1
Remaining Benefits Remaining Costs Ratio (7%)	3.0

FY 2007 ACTIVITIES: Carryover funds are being used to execute the Project Cooperation Agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: In June 2006, the Feasibility Report with induced flooding addendum was approved by ASA(CW) and the Record of Decision for environmental compliance was approved by HQ. Under Section 104 of WRDA 1986, the local sponsor, the Monarch-Chesterfield Levee District received three credit applications for work: (1) construction of three pump stations within the protected area, (2) levee improvement from Centaur Road to Interstate 64/U.S. 40, and (3) realignment of the levee near Boone's Crossing interchange and levee improvement along the left bank of Bonhomme Creek. The sponsors have expressed an interest in seeking legislative assistance for credit for post-authorization work they have completed.

ADMINISTRATION POSITION: Pending approval of decision document.

CONGRESSIONAL INTEREST: House: Akin (MO-2); Sen: Bond and McCaskill (MO).

DISTRICT: St. Louis District

DATE: 29 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Comite River, LA

AUTHORIZATION: Sec 101(11), WRDA 92; 301 (b) (5), WTRDA 96; Sec 371 WRDA 99

LOCATION: The Project is located in East Baton Rouge Parish to provide flood protection for residents in the lower part of the Comite River Basin.

DESCRIPTION: The project provides for a 12 mile-long diversion channel between the Comite and Mississippi Rivers north of the town of Baker, LA and south of the town of Zachary, LA. Included also is a control structure at Lilly Bayou, four drop structures, and, three low flow augmentation pumps.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 123,000
Estimated Non-Federal Cost	51,000
Cash	
Other	
Total Estimated Cost	\$ 174,000
Allocation thru 2005	\$ 29,734
Allocation for FY 2006	6,191
FY 2007 Work Plan	12,100
Balance to Complete after FY 2007	\$ 74,975
Benefit to Cost Ratio Applicable rate ( <u>5.625%</u> )	
Benefit to Cost Ratio at 7% 1.9	
Remaining Benefits Remaining Costs Ratio at 7%) <u>2.8</u>	

FY 2007 ACTIVITIES: Continue construction of the Lilly Bayou Phase II contract

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012

OTHER INFORMATION: The Comite River Diversion

ADMINISTRATION POSITION: Support

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter LA; Jindal (LA-1); Melancon (LA-3); Baker (LA-6)

DISTRICT: New Orleans

Date: 14 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: East Baton Rouge Parish, LA

AUTHORIZATION: PI 106-53, Sec 101 (A) (21), WRDA 99; Sec 116, CAA of 2003

LOCATION: The project is located in East Baton Rouge Parish, LA with an area that consists of approximately 66 miles of channels in five basins within the Parish. The sub-basins are Blackwater Bayou; Beaver Bayou; Jones Creek; Ward Creek and Bayou Fountain and related tributaries.

DESCRIPTION: The purpose of the project is to reduce flooding by constructing channel modifications in the five watersheds.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 120,995
Estimated Non-Federal Cost	66,045
Cash	42,000
Other	23,000
Total Estimated Cost	\$ 187,000
Allocation thru 2005	\$ 2,196
Allocation for FY 2006	742
FY 2007 Work Plan	500
Balance to Complete after FY 2007	\$ 117,557
Benefit to Cost Ratio Applicable rate (5.375%)	3.8
Benefit to Cost Ratio at 7%	2.3
Remaining Benefits Remaining Costs Ratio at 7%	3.1

FY 2007 ACTIVITIES: Funds would be used to complete plans and specification for Jones Creek (\$100,000), complete detailed design report for Ward Creek (350,000); and complete negotiations and sign PCA (50,000).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Could complete construction phase by 2015

OTHER INFORMATION: Awaiting WRDA approval to move forward with PCA approval

ADMINISTRATION POSITION: Support. (Cost share modifications are not supported.)

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter (LA); Baker (LA-6)

DISTRICT: New Orleans

Date: 14 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Francis Bland Floodway Ditch (Eight Mile Creek), Arkansas

AUTHORIZATION: 1985 Supplemental Appropriations Act and WRDA 1986, Section 103.

LOCATION: The project is located in Greene and Craighead Counties, Arkansas

DESCRIPTION: The project consists of 12.4 miles of channel improvement (4.4 miles urban and 8.0 miles rural). It will provide flood damage protection from the 100-year flood for the urban area of Paragould, AR.

<u>SUMMARRIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 15,370
Estimated Non-Federal Cost	5,738
Cash	(1,040)
Other	(4,698)
Total Estimated Cost	\$ 21,108
Allocation thru 2005	\$ 10,529
Allocation for FY 2006	4,819
FY 2007 Work Plan	0
Balance to Complete after FY 2007	22
Benefit to Cost Ratio Applicable Rate (8 7/8%)	5.5
Benefit to Cost Ratio at 7%	6.9
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Construction is complete. Project closeout activities are being coordinated with the sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: The cost-sharing sponsors are the Arkansas Natural Resource Commission and the City of Paragould.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: House: Berry (AR-1). Senate: Lincoln and Pryor (AR).

DISTRICT: Memphis

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Grand Forks, North Dakota – East Grand Forks, Minnesota

AUTHORIZATION: Section 137, Omnibus Consolidated & Emergency Supplemental Appropriations Act of 1999

LOCATION: Grand Forks, North Dakota is located on the Red River of the North 70 miles south of Canada. East Grand Forks, Minnesota is directly across the river from Grand Forks.

DESCRIPTION: The project consists of levees and floodwall set back from the river, forming three “rings” around both communities. In addition, stabilization of an existing dam, removal of a former railroad bridge, interior flood control features, numerous road and railroad closures, extension and expansion of an existing diversion channel, and construction of new diversion channels with associated structural features are part of the project. The design level of protection is equivalent to the peak discharge experienced during the 1997 flood.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 223,900
Estimated Non-Federal Cost	196,000
Cash	(29,500)
Other	(166,500)
Total Estimated Cost	\$ 419,900
Allocations thru FY 2005	\$ 169,282
Allocation for FY 2006	39,600
FY 2007 Work Plan	15,018
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7 1/8%)	1.11
Benefit to Cost Ratio at 7%	1.13
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: The majority of the project (excluding the East Grand Forks Point area) has been completed to the 100-year level of protection. The only remaining work is to complete the levees and ponding areas for the 250-year level of protection. This work is scheduled for completion in FY 2007, with some project clean-up and project close-out in FY 2008.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: Since 1950, 12 floods have threatened the area. The catastrophic flood of 1997 was the largest ever experienced in the area. Despite major emergency flood fight efforts, both cities were inundated. Estimates indicate that over \$1.5 billion in damages were sustained in the two cities. Until the entire levee project is complete, residents continue to pay flood insurance premiums and the two communities remain vulnerable to flooding. Although construction was not yet completed, \$147 million in damages were prevented in the spring flood of 2006.

ADMINISTRATION POSITION: Support; project fully funded.

CONGRESSIONAL INTEREST: House: Peterson (MN-7) and Pomeroy (ND-AL); Sen: Klobuchar and Coleman (MN) and Conrad and Dorgan (ND).

DISTRICT: St. Paul

Date: 11 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME:** Meramec River Basin, Valley Park Levee, Missouri

**AUTHORIZATION:** Sec 2(h), PL 97-128; Sec 1128, WRDA 86; Sec 333, WRDA 99; Sec 146, E&WDAA 04.

**LOCATION:** The project is located in St. Louis County, Missouri, adjacent to the left descending bank of the Meramec River at river mile 21 above the confluence with the Mississippi River.

**DESCRIPTION:** The project includes 3.2 miles of levee with 3 feet of freeboard above the 100-year flood profile, 6 gravity drains, 3 closure structures, 5 detention areas, 41 relief wells, and environmental mitigation. A portion of the levee consists of an "engineered fill" composed of a clay cap surrounding a fill made from crushed material from an abandoned glass plant in the path of the levee.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 37,365
Estimated Non-Federal Cost	12,463
Cash	(2,536)
Other	(9,927)
Total Estimated Cost	\$ 49,563 <sup>1/</sup>
Allocation thru FY 2005	30,030
Allocation for FY 2006	7,120
FY 2007 Work Plan	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (8.875%)	1.2
Benefit to Cost Ratio (7%)	1.5
Remaining Benefits Remaining Costs Ratio (7%)	37.2

<sup>1/</sup> Reflects only the recommended features in the Valley Park portion of the Lower Meramec project. Cost of unrecommended project features not applicable to Valley Park totals \$1,276,000. The Federal limit that applies to the Valley Park project is \$48,724,000.

**FY 2007 ACTIVITIES:** Carryover funds are being used to finalize the plan for bottomland hardwoods mitigation; award contracts for miscellaneous repairs and bottomland hardwoods mitigation; complete the draft operation and maintenance (O&M) manual and as-built drawings; and for hydraulics analyses, mapping and submittals to Federal Emergency Management Agency (FEMA) for changing the flood insurance maps and rates.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** To be determined.

**OTHER INFORMATION:** Completion funds were received in FY 2006 carryover funds are being used in FY 2007 as stated above and will be used in FY 2008 for construction management, engineering during construction, and project management for the miscellaneous repairs and bottomland hardwoods mitigation contracts. Additional funds are needed to complete the final O&M manual and as-built drawings, the final audit, and other financial closeout activities for the flood damage reduction component of the project. Additional funds in the amount of \$220,000 are also needed to complete the recreation component of the project.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** House: Akin (MO-2); Sen: Bond and McCaskill (MO)

**DISTRICT:** St. Louis

**DATE:** 14 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Damage Reduction and Environment

PROJECT NAME: Mississippi Delta Region, LA, Davis Pond Freshwater Diversion and Caernarvon Freshwater Diversion

AUTHORIZATION: Flood Control Act of 1965 (HD 308, 88<sup>th</sup> Congress, 2<sup>nd</sup> Session), WRDA of 1979 (Section 1076); WRDA of 1974, (Section 77); WRDA of 1986, PL 99-662 (Section 906); WRDA of 1996 PL 104-303 (Section 365)

LOCATION: The project is located in the lower Mississippi River delta region. Davis Pond is on the west bank of St. Charles just downstream of Luling, Louisiana. Caernarvon is located downstream of New Orleans on the east bank of Plaquemines Parish.

DESCRIPTION: These projects are designed to divert freshwater into the Barataria Basin and Breton Sound, respectively, to enhance fish wildlife productivity and to reduce coastal wetlands losses.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000) <u>CONSTRUCTION</u>
Estimated Federal Cost	\$111,361
Estimated Non-Federal Cost	\$ 37,050
Total Estimated Cost	\$148,411
Allocation Thru FY 2005	\$102,619
Allocation for FY 2006	\$ 3,258
FY 2007 Work Plan	\$ 3,984
Balance to Complete after FY 2007	\$ 1,500
Benefit to Cost Ratio Applicable rate (3.25% - Caernarvon)	2.8
Benefit to Cost Ratio Applicable rate (8.875% - Davis Pond)	2.4
Remaining Benefits Remaining Costs Ratio (7% - Davis Pond)	21.2

FY07 ACTIVITIES: Funds are being used to continue 2<sup>nd</sup> lifts to guide levees, rock weir adjustments and continue engineering and design efforts at Davis Pond.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: During the 2<sup>nd</sup> lift of the West Guide Levee, it was discovered that obstructions had halted the construction process. Additional work will be necessary in order to effectively complete the contract. A channel may be necessary from the outfall canal to the ponding area in order to relieve blocked water on the northern section of the outfall channel. Modeling efforts will be conducted to confirm this approach.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Melancon (LA-3). Senate: Landrieu and Vitter (LA)

DISTRICT: New Orleans

Date: 12 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Natchez Bluffs, MS

AUTHORIZATION: WRDA 96

LOCATION: The project is located in Natchez, Mississippi, and extends along the bluff line for approximately 1 mile from "Natchez Under-the-Hill," located just north of the U.S. Highway 84 bridge at river mile 363.3, to the intersection of Park Avenue with Clifton Avenue.

DESCRIPTION: The project provides for stabilizing the bluff by constructing a stable foundation and rebuilding the bluff face using a combination of retaining walls and reinforced earth techniques. There are four designated work reaches: Clifton Avenue-Learned Mill Road, Area 3; Madison Street to State Street, Area 4; Bluff Above Silver Street, Area 6; and Bluff Above "Natchez Under-the-Hill," Area 7. The city of Natchez is the project sponsor.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$15,539
Estimated Non-Federal Cost	6,062
Cash	(5,355)
Other	(707)
Total Estimated Cost	21,601
Allocation thru FY 2005	15,292
Allocation for FY 2006	247
FY 2007 Work Plan	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completed in FY 2006.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Pickering (MS-3); Sen: Cochran and Lott (MS).

DISTRICT: Vicksburg District

DATE: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Nutwood Drainage and Levee District, Illinois

AUTHORIZATION: Section 203, FCA 62.

LOCATION: The Nutwood Drainage and Levee District protects 10,360 acres of primarily agricultural land located in Greene and Jersey Counties, Illinois, on the left bank of the Illinois River between river miles 15.2 and 23.7 above the mouth of the Illinois River.

DESCRIPTION: This Federally constructed levee provides protection for a 20-year recurrence interval flood. During the flood of 1993, the levee was breached completely, inundating the area and causing a disruption of traffic on Illinois Routes 100 and 16 for over three months. The recommended plan of improvement for this project includes a levee raise of 11.4 miles of existing levees, improved pumping capabilities, and construction of seepage control measures.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 12,043
Estimated Non-Federal Cost	4,015
Cash	(1,413)
Other	(2,602)
Total Estimated Cost	\$ 16,058
Allocation thru FY 2005	1,628
Allocation for FY 2006	118
FY 2007 Work Plan	150
Balance to Complete after FY 2007	10,147
Benefit to Cost Ratio Applicable rate (7.625%)	1.4
Benefit to Cost Ratio (7%)	1.4
Remaining Benefits Remaining Costs Ratio (7%)	2.0

FY 2007 ACTIVITIES: Funds are being used to continue efforts in obtaining the "Construction in Illinois Floodways" permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources (OWR).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Property owners affected by the small amount of induced flooding have been notified of how proposed project would affect them. Responses to these letters were submitted to IDNR-OWR March 2007. A town hall meeting is being scheduled for late April 2007. Approval of this permit will depend greatly on public perception of induced flood impacts. IDNR-OWR's approval and issuance of a permit are needed prior to execution of a Project Cooperation Agreement and initiating construction.

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: House: Hare (IL-17); Sen: Durbin and Obama (IL)

DISTRICT: St. Louis

DATE: 14 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Ouachita River Levees, LA

AUTHORIZATION: Sec 1 and Sec 6, FCA 28; Sec 5, FCA 36; and Sec 101 FCA 50.

LOCATION: The Ouachita River levee system is located in northeast Louisiana.

DESCRIPTION: The levee system is comprised of three separate levee segments totaling 11.5 miles on the west bank at West Monroe, Bawcomville, and Columbia and 105.8 miles of levee on the east bank from Bastrop to Sandy Bayou. The recommended plan consists of rehabilitation of existing levees and raising a portion of the levee to the 1956 project design grade.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$34,813
Estimated Non-Federal Cost	4,945
Cash	(654)
Other	(4,291)
Total Estimated Cost	39,758
Allocations thru FY 2005	27,496
Allocation for FY 2006	742
FY 2007 Work Plan	75
Balance to Complete after FY 2007	6,500
Benefit to Cost Ratio Applicable rate (3-1/4%)	9.4
Benefit to Cost Ratio at 7%	9.9
Remaining Benefits Remaining Costs Ratio (7%)	4.5

FY 2007 ACTIVITIES: Funds are being used to complete gravel surfacing in the Monroe to Sandy Bayou reach.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: The Ouachita River Levees are critical to the lives and property of the citizens in the Monroe-West Monroe urban area. The Item 2 levee enlargement in the Bastrop to Monroe reach will provide the authorized level of protection to the Monroe urban area. The resurfacing of the levee in the Monroe to Sandy Bayou Reach will ensure that the levee can be inspected and maintained during severe flood events such as experienced in FY 2001.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Alexander (LA-5); Sen: Landrieu and Vitter (LA).

DISTRICT: Vicksburg District

DATE: 14 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Red River Below Denison Dam, AR, LA & TX

AUTHORIZATION: FCA 46; E&WDAA 92, 93, 94, 95, 96, 98, 02, 03.

LOCATION: Project facilities are located along the Red River from the vicinity of Index, AR, to Boyce, LA, along the right bank, and to Pineville, LA, along the left bank.

DESCRIPTION: The overall project provides flood damage reduction for about 1.7 million acres, half of which are located behind levees. The project protects the flood plain from crop damage; loss of livestock; damage to levees, railroads, highways, industries, and other river and urban developments. The authorized project provides for enlargement and/or rehabilitation of existing levees and construction of new levees or bank protection or channel realignment where levee setbacks are impossible or uneconomical.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$85,375
Estimated Non-Federal Cost	3,241
Cash	(0)
Other	(3,241)
Total Estimated Cost	88,616
Allocation thru FY 2005	82,580
Allocation for FY 2006	2,595
FY 2007 Work Plan	200
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete contract for gravel resurfacing of Louisiana levees.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Ross (AR-4) and Alexander (LA-5); Sen: Lincoln and Pryor (AR); Vitter and Landrieu (LA).

DISTRICT: Vicksburg

DATE: 14 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Sheyenne River, North Dakota

AUTHORIZATION: WRDA 1986

LOCATION: The project is located in southeastern North Dakota along the Sheyenne River, from near Baldhill Dam downstream to the confluence with the Red River of the North at Fargo. Parts of Griggs, Steele, Barnes, Ransom, Richland and Cass Counties are included in the project area.

DESCRIPTION: The project consists of (1) 12.7 miles of levees and a 6.8-mile flood diversion channel at West Fargo, (2) 14.8 miles of levees and a 7.4 mile flood diversion channel from Horace to West Fargo, and (3) a 5-foot raise of the Baldhill Dam flood control pool. The plan would reduce flood damages to approximately 2,000 residences and farmsteads and 50,000 acres of agricultural land.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 38,505
Estimated Non-Federal Cost	13,734
Cash	(3,449)
Other	(10,285)
Total Estimated Cost	\$ 52,239
Allocations thru FY 2005	\$ 36,221
Allocation for FY 2006	544
FY 2007 Work Plan	1,740
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7 1/8%)	1.1
Benefit to Cost Ratio at 7%	1.1
Remaining Benefits Remaining Costs Ratio (7%)	4.6

FY 2007 ACTIVITIES: Funds are being used for the site work and generator installation contract and to complete sloughing repairs to the West Fargo Diversion Channel and other miscellaneous repairs. This work will complete the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: Construction of the new spillway gates at Baldhill Dam was completed in 2001. Construction of several small levees and modifications to existing cabins around Lake Ashtabula, and plantings and fencing at the 300-acre mitigation area, was completed in 2003. Construction contract for the Wesley Acres Church Camp was completed in 2004.

ADMINISTRATION POSITION: Support; project fully funded.

CONGRESSIONAL INTEREST: House: Pomeroy (ND-AL); Sen: Conrad and Dorgan (ND).

DISTRICT: St. Paul

Date: 11 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: St. Johns Bayou – New Madrid Floodway, Missouri

AUTHORIZATION: Section 401 of WRDA of 1986 (PL 99-662)

LOCATION: This flood control project is located in the southeast Missouri

DESCRIPTION: The First Phase of the authorized project includes 24 miles of channel improvements, pumping stations, all seasonal ponding easements, and appropriate mitigation features.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)	
	<u>Construction (1<sup>st</sup> Phase)</u>	
Estimated Federal Cost	\$	50,900
Estimated Non-Federal Cost		16,200
Cash		(3,400)
Other		(12,800)
Total Estimated Project Cost	\$	67,100
Allocations thru FY 2005	\$	10,626
Allocation for FY 2006		4,150
FY 2007 Work Plan		4,100
Balance to Complete After FY 2007	\$	32,024
Benefit to Cost Ratio Applicable Rate (7-3/8%)		1.3
Benefit to Cost Ratio at 7%		*
Remaining Benefits Remaining Costs Ratio at 7%		2.0

\*Based on the information from the last approved report (2003) without the closure, which was authorized as part of the Mississippi River Levees project, and without the unprogrammed work (St. James) but including the mitigation work the BCR would be between 1.2 and 1.4.

FY 2007 ACTIVITIES: Continue construction on Item 2, the New Madrid Pumping Station.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2012, subject to availability of funds.

OTHER INFORMATION: The St. Johns Levee and Drainage District is the cost-sharing sponsor. Environmental Defense and the National Wildlife Federation filed a Complaint and Motion for a Preliminary Injunction with the U.S. District Court for the District of Columbia on Merits of the project. If the outcome is unfavorable to the project, all construction will have to be reversed and the site restored to original condition. Oral arguments were heard on 2 Feb 07 and a ruling on the merits is anticipated sometime this summer.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Emerson (MO-8). Senate: Bond & McCaskill (MO)

DISTRICT: Memphis

Date: 10 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Ste. Genevieve, MO

AUTHORIZATION: Sec 401(a), WRDA 86.

LOCATION: The project is located in Ste. Genevieve County, Missouri, adjacent to the west bank of the Mississippi River between miles 121 and 125 above the confluence of the Ohio River.

DESCRIPTION: The project consists of a 3.5 mile long levee that provides Urban Design Flood protection from Mississippi River flooding; a gravity drain pump station facility with a 575 cubic feet per second capacity and three electric-powered pumps; a 505-acre ponding area; interior drainage ditching and grading; two closure structures, road, railroad, and utility relocations; 24 relief wells; tree screens; an environmental mitigation area; and other features. The authorized project includes channel widening and one small levee along North and South Gabouri Creeks and recreation facilities such as picnic areas and trails on flood control lands along the tributary improvements and the levee.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 35,945
Estimated Non-Federal Cost	13,399
Cash	(4,659)
Other	(8,740)
Total Estimated Cost	\$ 49,344
Allocation thru FY 2005	30,721
Allocation for FY 2006	544
FY 2007 Work Plan	25
Balance to Complete after FY 2007	4,655
Benefit to Cost Ratio Applicable rate (8.25%)	1.0
Benefit to Cost Ratio (7%)	1.0
Remaining Benefits Remaining Costs Ratio (7%)	1.0

FY 2007 ACTIVITIES: Funds are being used to financially close out the Urban Design Levee and complete the final draft General Reevaluation Report for the tributaries, currently scheduled for September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007 for Urban Design Levee and to be determined for tributaries.

OTHER INFORMATION: The benefit cost ratio and remaining benefit remaining cost ratio are 1.0 based on the authorizing documentation which states: ".....Congress finds that, in view of the historic preservation benefits resulting from the project, the overall benefits of the project exceed the costs of the project."

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Carnahan (MO-3); Sen: Bond and McCaskill (MO).

DISTRICT: St. Louis District

DATE: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Stillwater, Minnesota

AUTHORIZATION: Section 363, WRDA 1992 and Section 301(b)(9), WRDA 1996

LOCATION: Stillwater is located on the St. Croix River approximately 15 miles east of St. Paul, Minnesota.

DESCRIPTION: The purpose of the Stillwater project is to provide flood protection to the City of Stillwater. The project is divided into three stages. Stage 1 consists of repairing and reconstructing the existing retaining wall. Stage 2 involves extending the wall to the north around Mulberry Point and providing riprap bank protection south to the Andiamo Boat Landing. Stage 3 includes expanding the floodwall system by constructing a low floodwall along the western side of Lowell Park.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 9,750
Estimated Non-Federal Cost	3,250
Cash	(2,150)
Other	(1,100)
Total Estimated Cost	\$ 13,000
Allocations thru FY 2005	\$ 5,203
Allocation for FY 2006	22
FY 2007 Work Plan	1,821
Balance to Complete after FY 2007	2,704
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete the Engineering Documentation Report and initiate plans and specifications for Stage 3.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: The Design Memorandum identified three separate Stages of the project: Stages 1 and 2 are complete. Stage 3 is an expansion of the floodwall system and includes a 3 foot high flood wall/levee. WRDA 1996 amended the original authorization. It authorized the Secretary to expand the floodwall system if it was determined that the expansion was feasible. The Consolidated Appropriations Act, 2004, directed the Corps to proceed with design and initiate construction of Stage 3 using previously appropriated funds.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Bachmann (MN-6); Sen: Klobuchar and Coleman (MN).

DISTRICT: St. Paul

Date: 11 April 2007

FACT SHEET  
 FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
 Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** West Tennessee Tributaries, Tennessee

**AUTHORIZATION:** Sec 203, FCA 1948(project construction); Sec 207, R&HA 1966 (relocation of gas transmission lines at Federal expense); Sec 3, WRDA 1974 (acquisition of 32,000 acres of mitigation lands); Sec 183, WRDA 1976 (levee construction east of authorized diversion channel).

**LOCATION:** This is a flood damage reduction project located along the Obion and Forked Deer Rivers and tributaries in Weakley, Madison, Gibson, Obion, Dyer, Crockett, Lauderdale and Haywood Counties, in western Tennessee.

**DESCRIPTION:** The project consists of 225 miles of channel improvements; construction of 7.6 miles of levees; 174 water control structures; 216 erosion control structures; 37 miles of water management connector channels to restore bottomland hardwoods and fisheries; and the acquisition of 32,000 acres of mitigation lands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 176,000
Estimated Non-Federal Cost	6,000
Cash	(0)
Other	(6,000)
Total Estimated Cost	\$ 182,000
Allocation thru 2005	\$ 54,462
Allocation for FY 2006	197
FY 2007 Work Plan	200
Balance to Complete after FY 2007	121,141
Benefit to Cost Ratio Applicable Rate (2.5%)	1.5
Benefit to Cost Ratio at 7%	.83
Remaining Benefits Remaining Costs Ratio at 7%	1.34

**FY 2007 ACTIVITIES:** Current year funds are being used to continue the reevaluation of a demonstration project along the Obion River System to alleviate unresolved water resource problems in the west Tennessee area.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** To be determined. Completion of the project will depend upon outcome of the reevaluation and resolution of issues described below.

**OTHER INFORMATION:** Only 93 miles of the 225 miles of authorized channel improvements have been completed and 13,527 acres of the 32,000 acres mitigation lands have been purchased. Obstacles associated with this project include denial of water quality by the state of TN and lawsuits challenging the Environmental Impact Statement. In 1992, the State asked that the project be reactivated with efforts focused on developing an environmentally sensitive design. Two demonstration projects were found to be feasible in 1996; however, activities were stalled due to issues regarding mitigation land acquisition. In 1993, the sponsor requested that the Corps undertake a reevaluation of a demonstration project along the Obion River System.

**ADMINISTRATION POSITION:** Consistent with Administration policy, but low budget priority

**CONGRESSIONAL INTEREST:** House: Tanner (TN-8). Senate: Alexander and Corker (TN).

**DISTRICT:** Memphis

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Wood River Drainage and Levee District, Illinois

AUTHORIZATION: Sec 4, FCA 38; Sec 204, FCA 65.

LOCATION: The project area lies in the Mississippi River floodplain of Madison County, Illinois, just upstream of the City of St. Louis.

DESCRIPTION: The original project provided for local flood protection works. The project was modified to provide for the construction of a 45 cfs pumping station with ditches and necessary appurtenant facilities for removal of water impounded by the existing levee. The project plan includes a pump station, collector ditches, and three relief wells. It also provides for the modification of an existing gravity drain.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 1,398
Estimated Non-Federal Cost	466
Cash	(336)
Other	(130)
Total Estimated Cost	\$ 1,864
Allocation thru FY 2005	294
Allocation for FY 2006	804
FY 2007 Work Plan	300
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.375%)	1.4
Benefit to Cost Ratio (7%)	1.3
Remaining Benefits Remaining Costs Ratio (7%)	5.1

FY 2007 ACTIVITIES: Funds will be used to complete construction of the pump station, award the relief wells task order in the 3<sup>rd</sup> quarter, and initiate an operation and maintenance manual for the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Costello (IL-12) and Shimkus (IL-19); Sen: Durbin and Obama (IL).

DISTRICT: St. Louis District

DATE: 11 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yazoo Basin, Big Sunflower River, MS

AUTHORIZATION: FCAs 1944 (Sec. 10); 1946 (Sec. 10); 1950 (Sec. 204); 1962 (Sec. 203); and 1965 (Sec. 204) authorized the project for flood control on the Big Sunflower and Little Sunflower Rivers, Hushpuckena and Quiver Rivers and their tributaries, and on Hull Brake-Mill Creek Canal, Bogue Phalia, Ditchlow Bayou, Deer Creek, and Steele Bayou.

LOCATION: The Steele Bayou Basin lies within the Delta region of west-central Mississippi.

DESCRIPTION: The Steele Bayou Basin's 752-square-mile drainage area runs from north of Greenville to its confluence with the Yazoo River just north of Vicksburg. The Big Sunflower River Basin has experienced flooding in recent years. The project provides flood protection and environmental enhancements for this region.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	\$117,550
Estimated Non-Federal Cost	523
Cash	(450)
Other	(73)
Total Estimated Cost	118,073
Allocation thru FY 2005	104,479
Allocation for FY 2006	3,826
FY 2007 Work Plan	7,283
Balance to Complete after FY 2007	1,962
Benefit to Cost Ratio Applicable rate (2-1/2%)	8.1
Benefit to Cost Ratio at 7%	1.5
Remaining Benefits Remaining Costs Ratio (7%)	3.2

FY 2007 ACTIVITIES: Funds are being used to complete Item 66 A/B Swan Lake levee, Steele Bayou Channel Relocation (Sep 07); and for development of mitigation lands, thereby completing the project. Funds added by Congress in FY 2006 are being used to complete phase I of erosion and sediment reduction measures in the Yazoo Basin (Sep 07); and to continue index of biotic integrity environmental/water quality indicators.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Thompson (MS-02); Senate: Lott and Cochran (MS).

DISTRICT: Vicksburg

DATE: 11 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yazoo Basin, Delta Headwaters Project, MS

AUTHORIZATION: Emergency Jobs Appropriations Act of 1982; WRDA 1986, Sec 103e authorized a joint project to be undertaken with the Natural Resources Conservation Service and the Agricultural Research Service to provide erosion control work in watersheds of the Yazoo Basin hills.

LOCATION: The project is located in the eastern (hill) section of the Yazoo River Basin, MS.

DESCRIPTION: The project consists of 16 watersheds, ranging in size from 1 square mile (Town Creek) to over 600 square miles (Coldwater River), with features that include bank stabilization, grade control structures, floodwater-retarding structures, and channel modifications for flood damage reduction, bank stabilization and sedimentation/erosion control.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$367,109
Estimated Non-Federal Cost	0
Cash	
Other	
Total Estimated Cost	367,109
Allocation thru FY 2005	340,929
Allocation for FY 2006	21,780
FY 2007 Work Plan	4,400
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete ongoing construction contracts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: The project provides important flood control, environmental, water quality, and sediment reduction benefits in addition to economic stimulus benefits to the basin.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Thompson (MS-02) and Wicker (MS-01); Senate: Cochran and Lott (MS)

DISTRICT: Vicksburg

DATE: 2 April 2007

FACT SHEET  
 FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yazoo Basin, Main Stem, MS

AUTHORIZATION: FCA's 1936, Sec. 4 and 8a; 1941, Sec. 3b and 3g; and 1946, Sec. 3, 10f, and 10q authorized the Yazoo Headwater Projects to provide protection to the Yazoo Basin against Headwater floods.

LOCATION: The Main Stem feature in the Yazoo Basin consists of new and enlarged levee improvements along the Yazoo, Tallahatchie, and Coldwater Rivers from Yazoo City to Prichard, MS; and channel clearing, cutoffs, and channel enlargement along the Yazoo, Tallahatchie, and Coldwater Rivers from Yazoo City to Arkabutla Lake.

DESCRIPTION: The authorized work provides protection to adjacent areas against floods. The major remaining work includes raising deficient levees and closure of gaps in the Yazoo River levee system. This work is deferred until completion of the Mississippi River mainline and Yazoo Backwater levees.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$234,300
Estimated Non-Federal Cost	11
Cash	(0)
Other	(11)
Total Estimated Cost	234,311
Allocation thru FY 2005	34,710
Allocation for FY 2006	23
FY 2007 Work Plan	23
Balance to Complete after FY 2007	199,544
Benefit to Cost Ratio Applicable rate (2-1/2%)	5.4
Benefit to Cost Ratio at 7%	1.3
Remaining Benefits Remaining Costs Ratio (7%)	2.84

FY 2007 ACTIVITIES: Funds are being used to continue monitoring Sheley Bridge bank stabilization.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Monitoring is directed by Supplemental Appropriations Act of 1982.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Thompson (MS-2) and Wicker (MS-1); Sen: Lott and Cochran (MS).

DISTRICT: Vicksburg

DATE: 2 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yazoo Basin, Reformulation Unit, MS

AUTHORIZATION: FCA's of 1936, Sec. 4 and 8a; 1941, Sec 3b and 3g; and 1946, Sec. 3, 10f, and 10q authorized Yazoo Headwater Projects to provide protection to the Yazoo Basin against Headwater floods.

LOCATION: The Yazoo Backwater Area is located in the lower Delta in west-central Mississippi between the east bank Mississippi River levees on the west and the hill east of the Yazoo River.

DESCRIPTION: The Backwater area extends from just north of Vicksburg, Mississippi, to the vicinity of Greenville, Mississippi. A complete reformulation of all remaining unconstructed authorized projects in the Yazoo Basin is ongoing.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$50,370
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	50,370
Allocation thru FY 2005	34,879
Allocation for FY 2006	1,960
FY 2007 Work Plan	1,060
Balance to Complete after FY 2007	12,471
Benefit to Cost Ratio Applicable rate (8-1/2%)	3.04
Benefit to Cost Ratio at 7%	1.3
Remaining Benefits Remaining Costs Ratio (7%)	2.84

FY 2007 ACTIVITIES: Funds are being used to address comments, coordinate with the U. S. Fish and Wildlife Service, and prepare the final Yazoo Backwater Report for public release in the summer of 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: The Reformulation Study covers the remaining authorized unconstructed features of the Yazoo Basin, which will be accomplished in four phases. The first two phases of the Yazoo Basin Reformulation, Upper Steele Bayou and Upper Yazoo Projects, are completed and under construction. The third phase, the Yazoo Backwater study, will be finalized in the summer of 2007. The fourth and final phase, the Tributaries study, was delayed until construction on the Upper Yazoo Projects phase advanced to provide an outlet for the tributaries. Construction of the Upper Yazoo Projects has advanced to the point that the Tributaries study will resume in FY 2008.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Thompson (MS-02) and Wicker (MS-01); Senate: Lott and Cochran (MS).

DISTRICT: Vicksburg

DATE: 11 April 2007



FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yazoo Basin, Upper Yazoo Projects, MS

AUTHORIZATION: FCAs 1936, Sec. 4 and 8a; 1941, Sec. 3b and 3g; 1946, Sec. 3, 10f, and 10g; and 1965, Sec. 204 authorized the Yazoo Headwater Projects to provide protection to the Yazoo Basin against Headwater floods.

LOCATION: The UYP includes channel and levee features along the main channel of the Yazoo, Tallahatchie, and Coldwater Rivers from the vicinity of Yazoo City, MS, to the vicinity of the confluence of Arkabutla Creek with the Coldwater River.

DESCRIPTION: The project will provide flood protection for 8,900 square miles in this region through reduction of flood stages up to 3 feet in most areas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$373,000
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	373,000
Allocation thru FY 2005	216,131
Allocation for FY 2006	14,100
FY 2007 Work Plan	15,377
Balance to Complete after FY 2007	127,392
Benefit to Cost Ratio Applicable rate (8-1/2%)	1.25
Benefit to Cost Ratio at 7%	1.3
Remaining Benefits Remaining Costs Ratio (7%)	2.84

FY 2007 ACTIVITIES: Funds are being used to complete Item 6A channel, fully fund Item 6B channel (Jul 07), and purchase project lands for Item 7A.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: No funds are included in the FY 2008 budget request. This will delay remaining flood damage reduction and economic benefits to the area.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Thompson (MS-02) and Wicker (MS-01); Senate: Lott and Cochran (MS).

DISTRICT: Vicksburg

DATE: 11 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yazoo Basin, Yazoo Backwater Less Rocky Bayou, MS

AUTHORIZATION: FCAs 41 and 44 authorize the construction of a levee and pumping plants to protect a portion of the Yazoo Basin against all but large floods of the Mississippi and define flood control as including channel and major drainage improvements.

LOCATION: The Yazoo Backwater Project lies in the southern part of the Delta in west-central Mississippi between the mainline Mississippi River levee and the escarpment which forms the eastern boundary of the Delta. It extends from just north of Vicksburg, MS, approximately 60 miles to the vicinity of Hollandale and Belzoni, MS, and comprises about 2,000 square miles.

DESCRIPTION: The authorized project will provide protection from backwater flooding from the Mississippi River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$207,847
Estimated Non-Federal Cost	153
Cash	(153)
Other	(0)
Total Estimated Cost	208,000
Allocation thru FY 2005	59,404
Allocation for FY 2006	402
FY 2007 Work Plan	1,068
Balance to Complete after FY 2007	146,973
Benefit to Cost Ratio Applicable rate (2-1/2%)	4.2
Benefit to Cost Ratio at 7%	3.1
Remaining Benefits Remaining Costs Ratio (7%)	1.5

FY 2007 ACTIVITIES: Funds are being used to perform pumping operations at the greentree reservoirs and complete repairs to outlet structures and pumping stations.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: The four existing greentree reservoirs provide adequate waterfowl mitigation for the Yazoo Backwater Project as it now exists.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Thompson (MS-02); Senate: Lott and Cochran (MS).

DISTRICT: Vicksburg

DATE: 11 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yazoo Basin, Yazoo Backwater Pump, MS

AUTHORIZATION: FCA's 1941, Sec 3(b); 1944, Sec 10; 1965, Sec 204; WRDA 86, Sec 103; WRDA 96, Sec 202 authorized the project to protect a portion of the Yazoo Basin against all but large floods of the Mississippi River.

LOCATION: This project is located in Issaquena County, MS.

DESCRIPTION: This project is a flood damage reduction project in Issaquena County, MS, at the mouth of Steele Bayou near its confluence with the Yazoo River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$221,000
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	221,000
Allocation thru FY 2005	24,106
Allocation for FY 2006	43,800
FY 2007 Work Plan	0
Balance to Complete after FY 2007	153,094
Benefit to Cost Ratio Applicable rate (2-1/2%)	4.2
Benefit to Cost Ratio at 7%	3.1
Remaining Benefits Remaining Costs Ratio (7%)	1.5

FY 2007 ACTIVITIES: Funds are being used to continue design on the recommended plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: The local sponsor strongly supports construction of this project. By letter, 21 Aug 92, the Board of Mississippi Levee Commissioners requested that reformulation of the Yazoo Backwater Project be expedited utilizing the full resources of the Vicksburg District, U.S. Army Corps of Engineers. Flood damage reduction to the Yazoo Backwater area can be expedited by completing design of the Yazoo Backwater when a recommended plan is finalized as a part of the Yazoo Backwater Reformulation. The recommended plan (pump plant and acquisition of 62,500 acres of reforestation) was presented in the draft report, 5 Sep 00, with the final report scheduled for the summer of 2007.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Thompson (MS-02); Senate: Lott and Cochran (MS).

DISTRICT: Vicksburg

DATE: 2 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Barnes County, Kathryn, ND

AUTHORIZATION: Section 14 of the 1946 Flood Control Act, as amended.

LOCATION: Project is located in Barnes County North Dakota, just north of Kathryn, North Dakota.

DESCRIPTION: Erosion along the Sheyenne River has progressed to within 5 feet of County Highway 21. The project would provide streambank protection along approx. 600 feet of the Sheyenne River to protect County Highway 21.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 80
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 80
Allocations thru FY 2005	\$ 0
Allocation for FY 2006	40
FY 2007 Work Plan	20
Balance to Complete after FY 2007	20
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Continue feasibility.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Pomeroy (ND-AL); Sen: Conrad and Dorgan (ND)

DISTRICT: St. Paul

Date: 5 April 2007

FACT SHEET  
 CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
 Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Storm Damage Reduction

**PROJECT/STUDY NAME:** Bayou Teche Flood Reduction Study

**AUTHORIZATION:** Section 103 of the 1962 RHA (P.L. 87-874)

**LOCATION:** The study is located in Charenton Louisiana, St. Mary Parish

**DESCRIPTION:** The purpose of this study is to determine measures to stop erosion of the Chitimacha Indian tribal lands along Bayou Teche. There are currently three alternatives being considered.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 300
Estimated Non-Federal Cost	200
Cash	(200)
Other	0
Total Estimated Cost	\$ 500
Allocation thru 2005	\$ 85
Allocation for FY 2006	0
FY 2007 Work Plan	15
Balance to Complete after FY 2007	\$ 200
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

**FY 2007 ACTIVITIES:** Complete the Federal Interest determination. Negotiate the Project Management Plan (PMP) and FCSA.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Sep 2007

**OTHER INFORMATION:** The study report will recommend going forward with construction to ensure bank stabilization.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Sens Landrieu & Vitter LA; Melancon (LA-3)

**District:** New Orleans, LA

**Date:** 5 April 2007

FACT SHEET  
CONSTRUCTION - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Storm Damage Reduction

PROJECT/STUDY NAME: Braithwaite Park, Louisiana

AUTHORIZATION: SEC 205, 1948 FCA (P.L. 80-858), as amended

LOCATION: The project is located along the east bank of the Mississippi Rive in Plaquemines Parish near the Caernarvon Fresh-water Diversion Structure.

DESCRIPTION: The project is to upgrade the existing non-federal ring levees that provide a limited level of protection against tidal surge for the residences and businesses in the area of Braithwaite.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Feasibility</u>
Estimated Federal Cost	\$ 388
Estimated Non-Federal Cost	288
Cash	
Other	
Total Estimated Cost	\$ 676
Allocation thru 2005	\$ 285
Allocation for FY 2006	-47
FY 2007 Work Plan	25
Balance to Complete after FY 2007	125
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Update cost and revise the feasibility report

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Section 205 eligibility is in question.

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter, LA; Melancon (LA-3)

DISTRICT: New Orleans

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Cass Lake, Leech Lake Tribe, MN

AUTHORIZATION: Section 14 of the 1946 Flood Control Act, as amended.

LOCATION: Project is located at north-east end of Cass Lake at outlet of Pug Hole Lake, in Beltrami County in Northern Minnesota, approximately 215 miles north of Minneapolis, MN.

DESCRIPTION: Project would provide streambank protection to approximately 2000 feet of shoreline. The project will protect lands containing cultural heritage sites and burial sites located along the lake.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Feasibility</u> \$ 50
Estimated Non-Federal Cost	0
Cash	0
Other	( 0)
Total Estimated Cost	\$ 50
Allocations thru FY 2005	\$ 25
Allocation for FY 2006	0
FY 2007 Work Plan	25
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Complete feasibility analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Sep 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Oberstar (MN-8); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 5 April 2007



FACT SHEET  
 CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Coal Creek, Albia, Monroe County, IA

AUTHORIZATION: Section 14 of the 1946 Flood Control Act as amended

LOCATION: Monroe County, Iowa

DESCRIPTION: This project for emergency streambank and erosion protection would protect a county gravel, farm to market road (625<sup>th</sup> Avenue), from erosion from Coal Creek. Coal Creek is an intermittent stream that flows in a generally northerly direction through Monroe County in southeastern Iowa. The project area consists of one continuous site totaling less than 350 feet in length, along the right descending bankline, just south of the two Burlington Northern railroad bridges.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)	
	<u>Feas</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$100	\$137
Estimated Non-Federal Cost	\$ 0	\$ 74
Cash	0	\$ 74
Other	0	\$ 0
Total Estimated Cost	\$100	\$211
Allocation thru 2005	\$ 0	\$ 0
Allocation for FY 2006	\$ 52	\$ 0
FY 2007 Work Plan	\$ 48	\$137
Balance to Complete after FY 2007	\$ 0	\$ 0
Benefit to Cost Ratio Applicable rate	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA	NA

FY 2007 ACTIVITIES: Complete feasibility and initiate design and implementation phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility is scheduled for completion in September 2007; construction in November 2007.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: King (IA-5); Senators Harkin and Grassley (IA)

DISTRICT: Rock Island District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Elk River, Sherburne County, MN

AUTHORIZATION: Section 14 of the 1946 Flood Control Act, as amended.

LOCATION: Project is located at County Road 35 and the Elk River, in Sherburne County, Minnesota, approximately 40 miles west of Minneapolis, Minnesota.

DESCRIPTION: Erosion at an outside bend in the Elk River is threatening County Road 35. Approximately 450 feet of streambank will need protection.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 100
Estimated Non-Federal Cost	0
Cash	(0)
Other	( 0)
Total Estimated Cost	\$ 100
Allocations thru FY 2005	\$ 0
Allocation for FY 2006	20
FY 2007 Work Plan	80
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Complete feasibility.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Sep 07.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Bachmann (MN-6); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION - Continuing Authorities Program  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Costal Storm Damage Reduction

PROJECT/STUDY NAME: Goose Bayou Basin, Barataria, Louisiana

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: The Goose Bayou Basin is located on the eastern bank of Bayou Barataria in Jefferson Parish, Louisiana, approximately 40 miles south of the City of New Orleans.

DESCRIPTION: The purpose of this project is to provide flood protection to the residents of Lafitte, Louisiana.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>		FY 2007 <u>Feasibility</u>
Estimated Federal Cost		\$ 350
Estimated Non-Federal Cost		250
Cash	\$ 250	
Other	0	
Total Estimated Cost		\$ 600
Allocation thru 2005		\$ 247
Allocation for FY 2006		30
Allocation for FY 2007		-32
FY 2007 Work Plan		46
Balance to Complete after FY 2007		59
Benefit to Cost Ratio Applicable rate		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

FY 2007 ACTIVITIES: Complete Draft Report for independent technical review and MVD review.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete Feasibility Study by the end of FY08.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter, LA; Melancon LA-03

DISTRICT: New Orleans

Date: 14 April 2007

FACT SHEET  
CONSTRUCTION - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Costal Storm Damage Reduction

PROJECT/STUDY NAME AND STATE: Gulf Intracoastal Waterway, Plaquemine Lock, Plaquemine, Louisiana SEC 1135

AUTHORIZATION: Sec 1135, Water Resources Development Act of 1986, as amended

LOCATION: The project is located in Plaquemine, Louisiana on Bayou Plaquemine extending downstream from Plaquemine, on Bayou Plaquemine, for approximately 7.5 miles.

DESCRIPTION: Environmental enhancement of Bayou Plaquemine by increasing the dissolved oxygen and lowering the temperature of bayou waters which are currently experiencing habitat degradation. The project consist of constructing two submersible pumps with a capacity of 100 cubic-feet-per-second on the bank of the Mississippi River at Plaquemine Lock with discharge pipes extending over the mainline levee and into the lock chamber.

SUMMARIZED FINANCIAL DATA :

	<u>FY 2007 (\$000)</u>
	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 2,416
Estimated Non-Federal Cost	885
Cash	\$ 885
Other	0
Total Estimated Cost	\$ 3,301
Allocation thru 2005	\$ 2,186
Allocation for FY 2006	205
FY 2007 Work Plan	25
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (___%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Funds are being used to continue implementation of the water quality monitoring to complete the operation and maintenance plan. This includes taking water and fish samples throughout the bayou. Upon completion of the monitoring, a finalized plan for the project will officially be turned over to the City of Plaquemine.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Sep 2007

OTHER INFORMATION: Federal portion of project will be completed 2007

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sens Vitter and Landrieu LA; Baker (LA-06)

DISTRICT: New Orleans

Date: 11 April 2007

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FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Highway A, Turkey Creek, Missouri

AUTHORIZATION: Section 14 of FCA 46 as amended.

LOCATION: Highway A, Turkey Creek, is located in Ralls County, Missouri.

DESCRIPTION: An erosion problem is occurring downstream of the Highway A bridge over Turkey Creek. The project would protect the road and bridge, most likely via a low dike set parallel to the stream bank.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	60
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	60
Allocation thru FY 2005	25
Allocation for FY 2006	0
FY 2007 Work Plan	35
Balance after FY 2007	0
Benefit to Cost Ratio Applicable rate (4.875%)	NA
Remaining Cost Ratio (7%)	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Funds are being used to complete the feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: Benefit to Cost Ratio will be determined in FY 2007. Feasibility cost will not exceed \$100,000, therefore, feasibility cost-sharing agreement will not be required.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Hulshof (MO-9); Sen: Bond and McCaskill (MO).

DISTRICT: St. Louis District

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Indian Creek and Dry Run Creek

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: Linn County IA

DESCRIPTION: The project area is located in Linn County, north of the City of Cedar Rapids. The Indian Creek and Dry Run Creek watersheds have a combined drainage area of 77.6 square miles and are subject to flash flooding. In response to recent flooding events the Linn County Regional Planning Commission established a Flood Study Technical Advisory Committee (TAC). The goal of the TAC was to define structural and non-structural flood reduction methods within the watersheds. The following communities are represented on the TAC: Cedar Rapids, Marion, Hiawatha, Robins, and Linn County.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 499
Estimated Non-Federal Cost	399
Cash	
Other	
Total Estimated Cost	\$ 898
Allocation thru 2005	\$ 91
Allocation for FY 2006	0
FY 2007 Work Plan	9
Balance to Complete after FY 2007	399
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Project is on hold due to the current moratorium on execution of a FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If authorized to negotiate and execute the FCSA, the feasibility phase could begin in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Loeb sack (IA-3); Senators Harkin and Grassley (IA)

DISTRICT: Rock Island District

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Iowa River, Johnson County, IA

AUTHORIZATION: Section 14 of the 1946 Flood Control Act PL as amended

LOCATION: Iowa City, Johnson County, Iowa

DESCRIPTION: The west bank of the Iowa River is causing sever erosion of Dubuque Street and an adjacent bridge abutment of Park Road. If left untreated the roadway and the bridge abutment may be lost. The opportunity exists to stabilize both the roadway and the bridge abutment from further erosion.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$76
Estimated Non-Federal Cost	\$ 0
Cash	\$ 0
Other	0
Total Estimated Cost	\$76
Allocation thru 2005	\$ 0
Allocation for FY 2006	\$ 0
FY 2007 Work Plan	\$ 76
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Initiate feasibility.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility is scheduled for completion in September 2007.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Loeb sack (IA-2); Senators Harkin and Grassley (IA)

DISTRICT: Rock Island District

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Control and Coastal Storm Damage Reduction

STUDY NAME: Jean Lafitte, Fisher School Basin, Jefferson Parish, LA

AUTHORIZATION: Section 205, 1948 FCA, as amended

LOCATION: The project is located in Southeastern Louisiana in the vicinity of New Orleans in Jefferson Parish, on the Eastern bank of Bayou Barataria. The Fisher School Basin is part of the Town of Jean Lafitte.

DESCRIPTION: A local levee system was constructed by the local sponsor, in response to emergency flooding, but provides minimal protection due to its varying height and gaps in the alignment. The recommended solution involves constructing a ring levee and floodwall along Bayou Barataria.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design and Implementation</u>
Estimated Federal Cost	\$ 6,655
Estimated Non-Federal Cost	10,922
Cash	\$(10,922)
Other	0
Total Estimated Cost	\$ 17,577
Allocations thru FY 2005	\$ 1,544
Allocation for FY 2006	1,559
Allocation for FY 2007	755
FY 2007 Work Plan	2,796
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete the first construction contract; and award additional levee contracts to provide flood protection to residents of the Town of Jean Lafitte.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Melancon (LA-3) and Senate: Landrieu and Vitter (LA)

DISTRICT: New Orleans

DATE: 5 April 2007



FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Jordan, MN

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: Jordan is located on Sand Creek in south-central Minnesota in Scott County.

DESCRIPTION: Study will evaluate feasibility of flood damage reduction alternatives.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 316
Estimated Non-Federal Cost	216
Cash	(216)
Other	( 0)
Total Estimated Cost	\$ 532
Allocations thru FY 2005	\$ 61
Allocation for FY 2006	10
FY 2007 Work Plan	28
Balance to Complete after FY 2007	217
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Prepare draft Feasibility Cost Sharing Agreement (FCSA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: In 2006, a moratorium was imposed on all new FCSA. Feasibility can not continue until moratorium is lifted and federal funding is provided to complete feasibility study.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Kline (MN-2); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Lac Qui Parle River, Dawson, MN (Section 205)

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: Dawson is located on the Lac Qui Parle River in west central Minnesota, approximately 150 miles west of Minneapolis, MN.

DESCRIPTION: A large segment of Dawson would be protected against a 200-year flood on the West Branch by a levee constructed across the southeastern portion of the community. This levee would prevent flows from the West Branch from backing up into Judicial Ditch 4. Interior runoff would be collected and pumped into the West Branch via a pumping station.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 1,727
Estimated Non-Federal Cost	975
Cash	(600)
Other	(375)
Total Estimated Cost	\$ 2,702
Allocations thru FY 2005	\$ 467
Allocation for FY 2006	190
FY 2007 Work Plan	1,070
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Complete Plans and Specifications, execute PCA, and initiate construction, as construction is fully funded.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction is scheduled to be completed by December 2008.

OTHER INFORMATION: City is willing and able to execute PCA as soon as possible.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Peterson (MN-7); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Little River Diversion, Dutchtown, Missouri

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: The project is located in the Village of Dutchtown in Cape Girardeau County, Missouri, approximately 5 miles west of the City of Cape Girardeau. Missouri Highways A, 25, and 74 intersect near the center of the city. The southern portion of the town, including these highways, is subject to flooding from Mississippi River backwater into the Little River Headwater Diversion.

DESCRIPTION: The proposed project includes two miles of levee to protect Dutchtown from a 100-year flood. This levee would also protect a section of Missouri Highways 25 and 74 from overtopping during major flood events.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	Design & Construction
Estimated Federal Cost	\$ 957
Estimated Non-Federal Cost	517
Cash	(353)
Other	(164)
Total Estimated Project Cost	\$ 1,474
Allocations thru FY 2005	\$ 75
Allocation for FY 2006	173
FY 2007 Work Plan	50
Balance to Complete After FY 2007	\$ 659
Benefit to Cost Ratio Applicable Rate (5.625 %)	4.9
Benefit to Cost Ratio at 7%	4.0
Remaining Benefits Remaining Costs Ratio at 7%	Not Applicable

FY 2007 ACTIVITIES: Funds are being used to complete plans and specifications and negotiate the Project Cooperation Agreement (PCA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2009, subject to availability of funds to fully fund the construction contract and execution of the PCA.

OTHER INFORMATION: Village of Dutchtown is the project sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Emerson (MO-8). Senate: Bond & McCaskill (MO).

DISTRICT: Memphis

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Storm Damage Reduction

PROJECT/STUDY NAME: Lockport to Larose, Lafourche Parish, LA

AUTHORIZATION: SEC 205; 1948 FCA, as amended

LOCATION: The project is located in southeast Louisiana in Lafourche Parish.

DESCRIPTION: The proposed project would provide for flood damage reduction for the communities of Lockport and Larose.

<u>SUMMARIZED FINANCIAL DATA (000)</u>	<u>FY2007 Feasibility</u>
Estimated Federal Cost	\$ 508
Estimated non-Federal Cost	408
Cash	
Other	
Total Estimated Cost	\$ 916
Allocation thru FY 2005	\$ 408
Allocation for FY 2006	0
FY 2007 Work Plan	100
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost ratio at 7%	N/A
Remaining Benefits Remaining Costs Ration at 7%	N/A

FY 2007 ACTIVITIES: Complete Feasibility

EARLIEST ATTAINABLE COMPLETION FYFOR PHASE: FY 2007

OTHER INFORMATION: The Parish wants to expedite completion of the study and detailed design to provide for flood damage reduction. Continued flooding is anticipated if measures are not implemented in the future.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Sens: Landrieu and Vitter; Melancon (LA-3) and Baker (LA-6).

DISTRICT: New Orleans, LA - MVN

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction.

PROJECT/STUDY NAME: Mad Creek, Muscatine, IA

AUTHORIZATION: Sec 205 of the 1948 Flood Control Act, as amended.

LOCATION: Muscatine IA.

DESCRIPTION: The project is in Muscatine IA, and it extends from Geneva Creek to the confluence of Mad Creek with the Mississippi River. The watershed is composed of mixed commercial, industrial and residential uses. Low-lying areas are subject to flash flooding. The November 2002 Feasibility study recommends the construction of a flood damage reduction project. The selected plan is satisfactory to the public and complies with all applicable laws and regulations. Included in the selected plan are: raising approximately 2,300 linear feet of the existing levees and 1,700 linear feet of existing floodwalls along Mad Creek and the Mississippi River, the construction of two closure structures, channel improvements, and a flood warning system.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000) <u>Design and Implementation</u>
Estimated Federal Cost	\$ 3,820
Estimated Non-Federal Cost	2,058
Cash	2,058
Other	0
Total Estimated Cost	\$ 5,878
Allocation thru 2005	\$ 782
Allocation for FY 2006	146
FY 2007 Work Plan	325
Balance to Complete after FY 2007	2,567
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue plans and specs.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Plans and specs are scheduled for completion in the 1<sup>st</sup> quarter of FY 2008. The construction phase is scheduled for completion in September 2010.

OTHER INFORMATION: The sponsor was prepared to execute the PCA when the moratorium on signing agreements was enacted. PCA negotiations will be initiated with the local sponsor.

ADMINISTRATION POSITION: Support. Consistent with Administration policy.

CONGRESSIONAL INTEREST: Loeb sack, (IA-2); Senators Harkin and Grassley (IA)

DISTRICT: Rock Island District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Meredosia, Illinois (Section 205)

AUTHORIZATION: Section 205 of the Flood Control Act 48 (PL 80-858) as amended by WRDA 99 (PL 106-53).

LOCATION: The City of Meredosia is located on the left descending bank of the Illinois River in Morgan County, Illinois.

DESCRIPTION: The study investigates the feasibility of providing additional flood protection to the city.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA</u>	
Estimated Federal Cost	188
Estimated Non-Federal Cost	87
Cash	(87)
Other	(0)
Total Estimated Cost	275
Allocation thru FY 2005	74
Allocation for FY 2006	0
FY 2007 Work Plan	25
Balance after FY 2007	89
Benefit to Cost Ratio Applicable rate (8.25%)	
Remaining Cost Ratio (7%)	
Remaining Benefits Remaining Costs Ratio (7%)	

FY 2007 ACTIVITIES: Funds are being used to complete Federal interest determination and develop the Feasibility Cost Sharing Agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Initial study results indicate that a plan to provide 100-year protection results in a benefit-to cost ratio of less than 1.0, although providing a lesser level of protection has a ratio greater than one. The city is interested in contributing costs above that required for the justified project in order to obtain 100-year protection. Estimated non-federal cost for that level of protection is \$9,100,000. In accordance with the FY 2006 Energy and Water Development Appropriations Act, the following cost-sharing procedures are now in effect. During the feasibility phase, any costs in excess of \$100,000 require cost-sharing of 50 percent Federal and 50 percent non-Federal; during the design and implementation phase, the Project Cooperation Agreement will be executed early in the design effort with cost-sharing applied in accordance with the authorizing language.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: LaHood (IL -18); Sen: Durbin and Obama (IL).

DISTRICT: St. Louis District

DATE: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Mt. Moriah Culvert, Tennessee

AUTHORIZATION: Section 14 of the Flood Control Act of 1946

LOCATION: The project is located on a tributary of Nonconnah Creek in Memphis, TN.

DESCRIPTION: Bank scour that is threatening a box culvert beneath Mt. Moriah Road will be addressed with a concrete channel and rock apron connecting to the existing box culvert.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>Design Implementation</u>
Estimated Federal Cost	\$ 869
Estimated Non-Federal Cost	468
Cash	(468)
Other	(0)
Total Estimated Project Cost	\$ 1,337
Allocations thru FY 2005	\$ 160
Allocation for FY 2006	360
FY 2007 Work Plan	349
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate (5.625 %)	144
Benefit to Cost Ratio at 7%	111
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Current year funds will be used to complete construction, which is scheduled to be completed by December 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: The sponsor is the City of Memphis and the project cooperation agreement was executed in July 2005.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Cohen (TN-9). Senate: Alexander and Corker (TN).

DISTRICT: Memphis

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Newport, MN

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: Newport is located on the Mississippi River approximately 10 miles south of St. Paul.

DESCRIPTION: Study will evaluate feasibility of nonstructural flood damage reduction alternative.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 250
Estimated Non-Federal Cost	150
Cash	(150)
Other	( 0)
Total Estimated Cost	\$ 400
Allocations thru FY 2005	\$ 73
Allocation for FY 2006	6
FY 2007 Work Plan	10
Balance to Complete after FY 2007	161
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Complete initial appraisal report to determine Federal Interest.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete initial appraisal by 30 July 2007. If Federal interest is identified prepare draft Feasibility Cost Sharing Agreement (FCSA).

OTHER INFORMATION: If Federal interest is identified, City is willing and able to execute FCSA for feasibility study.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Kline (MN-2); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Oakland, Tennessee

AUTHORIZATION: Section 14 of the Flood Control Act of 1946

LOCATION: The project is located near City of Oakland, in Fayette County, Tennessee

DESCRIPTION: The project consists of placing rip rap along the sides and bottom of the channel downstream of the sewage lagoon that is being threatened by bank scour.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>Design Implementation</u>
Estimated Federal Cost	\$ 106
Estimated Non-Federal Cost	57
Cash	(57)
Other	(0)
Total Estimated Project Cost	\$ 163
Allocations thru FY 2005	\$ 60
Allocation for FY 2006	0
FY 2007 Work Plan	46
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate (5 3/8 %)	1.7
Benefit to Cost Ratio at 7%	1.4
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Current year funds will be used to execute a project cost-sharing agreement and fully fund construction which will be completed in about three months.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: The sponsor is the City of Oakland and they have indicated they are financially capable of cost-sharing this project.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Blackburn (TN-7). Senate: Alexander and Corker (TN).

DISTRICT: Memphis

Date: 5 April 2007

FACT SHEET  
 CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Ouachita River, City of Monroe, Louisiana

AUTHORIZATION: Section 14 of the FCA of 1946, as amended.

LOCATION: The project area is located in the City of Monroe, LA, on the Ouachita River along the left descending bank at river mile 169.5.

DESCRIPTION: Bank erosion is endangering the integrity of a pumping station intake structure used as an alternate source for the treatment plant providing potable water for the city.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Feasibility</u>	<u>FY 2007 (\$000) Design &amp; Implementation</u>
Estimated Federal Cost	\$76	\$ 715
Estimated Non-Federal Cost		385
Total Estimated Project Cost	76	1,100
Allocation thru FY 2005	0	0
Allocation for FY 2006	0	0
FY 2007 Work Plan	76	0
Balance to Complete After FY 2007	0	715
Benefit to Cost Ratio Applicable rate (____%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A	N/A

FY 2007 ACTIVITIES: Initiate feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: The City of Monroe, Louisiana, fully supports this project and has expressed its willingness to serve as the non-Federal sponsor.

ADMINISTRATION POSITION: Support. Consistent with Administration policy.

CONGRESSIONAL INTEREST: Sen: Landrieu and Vitter; House: Alexander (LA-05).

DISTRICT: Vicksburg District

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Pallet Basin, Barataria, Louisiana (Sec 205)

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: The Pallet Basin is located on the western bank of Bayou Barataria in Jefferson Parish, LA approximately 35 miles south of the City of New Orleans.

DESCRIPTION: The purpose of this project is to provide flood protection to the residents of Barataria, Louisiana. Tidal floodwaters leaving from the Gulf of Mexico and nearby Lakes Salvador and Cataouatche travel across the marsh, through Bayou Barataria and other natural and manmade channels to the study area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>		<u>FY 2007 Feasibility</u>
Estimated Federal Cost		\$ 442
Estimated Non-Federal Cost		225
Cash	\$225	
Other	\$ 0	
Total Estimated Cost		\$ 550
Allocation thru 2005		342
Allocation for FY 2006		0
FY 2007 Work Plan		100
Balance to Complete after FY 2007		0
Benefit to Cost Ratio Applicable rate (5.625%)	N/A	
Benefit to Cost Ratio at 7% is 1.0	N/A	
Remaining Benefits Remaining Costs Ratio at 7%	N/A	

FY 2007 ACTIVITIES: Revise the Draft Report based on ITR and MVD comments and resubmit Final Report for approval.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete Feasibility Study by December 2007.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter, LA; Melancon LA-03.

DISTRICT: New Orleans, LA

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Prairie du Rocher, Illinois

AUTHORIZATION: Section 205 of Flood FCA 48 , as amended.

LOCATION: Prairie du Rocher is located in Randolph County, Illinois, on the left bank of the Mississippi River about 40 miles southeast of St. Louis.

DESCRIPTION: Problems occurring in the area were overtopping of the levee causing flood damage to village of Prairie du Rocher and adjacent farmland, diminished stability of the existing levee due to degradation of underseepage relief wells, and the potential for the overtopping of closure structures. Solutions include raising levee (100-year protection), improving stability of levee and the raising of two closure structures. Installation of additional relief wells, rehabilitation of existing relief wells, installation of a flood warning system and flood proofing measures.

<u>SUMMARIZED FINANCIAL DATA:</u>	<u>FY 2007 (\$000)</u> <u>Design &amp;</u> <u>Implementation</u>
Estimated Federal Cost	\$ 2,715
Estimated Non-Federal Cost	1,462
Cash	(1,302)
Other	(160)
Total Estimated Cost	4,177
Allocation thru FY 2005	2,668
Allocation for FY 2006	20
FY 2007 Work Plan	27
Balance after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.875%)	1.0
Remaining Cost Ratio (7.0%)	.9
Remaining Benefits Remaining Costs Ratio (7.0%)	N/A

FY 2007 ACTIVITIES: Funds are being used to close out project, complete operation and maintenance manual, and final accounting.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: Construction is complete. A rough draft of the operation and maintenance manual is complete.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Costello (IL-12); Sen: Durbin and Obama (IL).

DISTRICT: St. Louis District

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Red Chute Bayou, Bossier Parish, LA.

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended.

LOCATION: Red Chute Bayou and Flat River are major drainage outlets for Bossier City and Bossier Parish, LA. Both streams flow generally parallel to one another through Bossier City and the parish in a north to south direction before interchanging flow south of Bossier City at River Mile (RM) 25.7 on Red Chute Bayou. At RM 14.1 on Flat River, Red Chute converges with Flat River to become Flat River. During the April 1997 and March 2001 floods, Red Chute Bayou in the vicinity of Bossier City experienced prolonged high stages, eventually overtopping the 25-year frequency levees along Red Chute Bayou threatening to flood many residences and commercial establishments.

DESCRIPTION: The project under construction is a diversion structure to allow the transfer of high flows from Red Chute Bayou through an existing stream to Flat River under certain flood conditions. Construction estimated to be completed in the 3<sup>rd</sup> quarter of 2007. The project will provide urban flood protection to the rapidly expanding Bossier City, LA, area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) Design & <u>Implementation</u>
Estimated Federal Cost	\$1,481
Estimated Non-Federal Cost	703
Total Estimated Project Cost	2,184
Allocation thru FY 2005	638
Allocation for FY 2006	783
FY 2007 Work Plan	60
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate (5-7/8%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete construction and prepare Operations & Maintenance manual.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: The Project Cooperation Agreement was executed with the local sponsor (Bossier Levee District) on 9 March 2005. Construction contract was awarded on 21 July 2005.

ADMINISTRATION POSITION: Support. Consistent with administration policy.

CONGRESSIONAL INTEREST: Sen: Vitter and Landrieu (LA); House: McCrery (LA-04).

DISTRICT: Vicksburg District

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Red Duck Creek, Kentucky

AUTHORIZATION: Section 14 of the Flood Control Act of 1946

LOCATION: The project is located near Mayfield, Graves County, KY.

DESCRIPTION: Erosion is occurring along Red Duck Creek where it runs adjacent to 9<sup>th</sup> St. in the City of Mayfield. The erosion is threatening the roadway. The project will consist of armoring a section along the left bank of the creek with riprap to control the erosion.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design and Implementation</u>
Estimated Federal Cost	\$ 395
Estimated Non-Federal Cost	213
Cash	(130)
Other	(0)
Total Estimated Project Cost	\$ 608
Allocations thru FY 2005	\$ 0
Allocation for FY 2006	0
FY 2007 Work Plan	395
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate (5 1/8%)	2.0
Benefit to Cost Ratio at 7%	1.7
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds will be used to construct the project. Estimated construction time is about three months from initiation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: The City of Mayfield is the cost-sharing sponsor and has indicated they are capable of cost-sharing the project.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Whitfield (KY-1) Senate: McConnell & Bunning (KY).

DISTRICT: Memphis

Date: 5 April 2007

FACT SHEET  
 CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Red Duck Creek, KY

AUTHORIZATION: Section 205 of the Flood Control Act of 1948

LOCATION: The project is located near Mayfield, Graves County, KY.

DESCRIPTION: Numerous homes located along Red Duck Creek have experienced flooding.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 125
Estimated Non-Federal Cost	25
Cash	(25)
Other	(0)
Total Estimated Project Cost	\$ 150
Allocations thru FY 2005	\$ 52
Allocation for FY 2006	0
FY 2007 Work Plan	48
Balance to Complete After FY 2007	25
Benefit to Cost Ratio Applicable Rate ( %)	Not Yet Available
Benefit to Cost Ratio at 7%	Not Yet Available
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Funds will be used to continue the feasibility study up to the point of executing the FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study is expected to be completed in FY 2008, subject to availability of funds and lifting of the moratorium on Feasibility Cost Sharing Agreements (FCSA).

OTHER INFORMATION: The Corps conducted an initial assessment of this tributary in the early 1980's, but an economically justifiable solution was not identified. The City of Mayfield, the project sponsor, again requested assistance under Section 205 authority in a letter dated 20 June 2003.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Whitfield (KY-1) Senate: McConnell & Bunning (KY).

DISTRICT: Memphis

Date: 5 April 2007

FACT SHEET  
 CONSTRUCTION – CONTINUING AUTHORITIES PROGRAM  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Sartell, MN

AUTHORIZATION: Section 14 of the 1946 Flood Control Act, as amended.

LOCATION: Project is located on the Mississippi River in Sartell, Minnesota, approximately 100 miles northwest of Minneapolis, Minnesota.

DESCRIPTION: Erosion along the Mississippi River is threatening a sanitary sewer line that runs parallel to the river just downstream of the Veterans Memorial Park.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Feasibility</u>	<u>Construction</u>
Estimated Federal Cost	\$ 100	\$ 419
Estimated Non-Federal Cost	0	225
Cash		(200)
Other		( 25)
Total Estimated Cost	100	\$ 644
Allocations thru FY 2005	0	\$ 0
Allocation for FY 2006	20	0
FY 2007 Work Plan	80	419
Balance to Complete after FY 2007	0	0
Benefit to Cost Ratio Applicable rate ( %)		TBD
Benefit to Cost Ratio at 7%		TBD
Remaining Benefits Remaining Costs Ratio at 7%		TBD

FY 2007 ACTIVITIES: Complete project design, execute Project Cooperation Agreement, and award construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility 31 Jul 07; Construction estimated completion December 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Bachmann (MN-6); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 11 April 2007



FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
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BUSINESS PROGRAM: Flood and Coastal Storm Damage

PROJECT/STUDY NAME: Southern University Campus Road, Baton Rouge, LA

AUTHORIZATION: Section 14, 1946 FCA, as amended

LOCATION: The project is located in Baton Rouge, LA on the Southern University campus.

DESCRIPTION: The focal point of this project is a major street named Farm Road, which is being threatened by erosion stemming from a natural drainage ravine. The ravine drains the neighboring community of Scotlandville and serves as a storage area during high water events. The project is to investigate methods for stabilization of stream-bank and preventing further erosion and deterioration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 960
Estimated Non-Federal Cost	350
Cash	\$ 350
Other	0
Total Estimated Cost	\$ 1,310
Allocation thru 2005	\$ 27
Allocation for FY 2006	30
FY 2007 Work Plan	53
Balance to Complete after FY 2007	850
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter, LA; Baker (LA-6)

DISTRICT: New Orleans, LA (MVN)

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: St Martin Parish, LA SEC 205

AUTHORIZATION: Section 205, 1948 FCA (P.L. 80-858), as amended

LOCATION: The study is located in south central Louisiana, east of the city Lafayette, in St Martin Parish within the Cypress Island basin area, which is bordered on the north and east by Bayou Teche.

DESCRIPTION: Residents of St. Martin Parish have reported flood damages in numerous parts of St Martin Parish. The feasibility study would consider reducing flood damages through construction of a control structure for backwater from the Vermillion River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 300
Estimated Non-Federal Cost	200
Cash	\$200
Other	0
Total Estimated Cost	\$ 500
Allocation thru 2005	\$ 45
Allocation for FY 2006	0
FY 2007 Work Plan	54
Balance to Complete after FY 2007	\$201
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue with Feasibility Study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: The potential local sponsor, St Martin Parish is re-evaluating their interest in sponsoring this project.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter, LA; Melancon, LA-3

DISTRICT: New Orleans

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL- CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Storm Damage Reduction

PROJECT/STUDY NAME: Town of Carencro, Lafayette Parish, LA

AUTHORIZATION: SEC 205, 1948 FCA (P.L. 80-858), as amended

LOCATION: The project is located in central Louisiana in Lafayette Parish within the Town of Carencro.

DESCRIPTION: The project purpose is to provide flood damage reduction along Beau Basin Coulee, the major drainage artery for the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 350
Estimated Non-Federal Cost	250
Cash	\$ 250
Other	0
Total Estimated Cost	\$ 600
Allocation thru 2005	\$ 119
Allocation for FY 2006	160
FY 2007 Work Plan	71
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete the feasibility study

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter, LA; Boustany (FA-07)

DISTRICT: New Orleans, LA - MVN

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Storm Damage Reduction

PROJECT/STUDY NAME: Tucker Road, Comite River, LA SEC 14

AUTHORIZATION: Sec 14, 1946 FCA (P.L. 79-526), as amended

LOCATION: The existing "Tucker Road" at Comite River, LA serves as a north-south collector between Pride Port Hudson Road to the north and Louisiana Highway 64 to the south. This road also serves as a major bus route to Northeast Middle and Northeast High Schools, which are located just to the east of this site.

DESCRIPTION: Over the years, the Comite River shifted to the east in the vicinity of the intersection of Tucker Road and Jackson Road. This shift in the river alignment compromises the stability of the existing roadway to the extent that the road may have to be closed in the near future if no action is taken to prevent further erosion of the channel and damages to this road. This study is addressing several potential solutions to prevent erosion damages to the channel and road.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design Implementation</u>
Estimated Federal Cost	\$ 455
Estimated Non-Federal Cost	245
Cash	\$ (245)
Other	0
Total Estimated Cost	\$ 700
Allocation thru 2005	\$ 35
Allocation for FY 2006	40
FY 2007 Work Plan	50
Balance to Complete after FY 2007	330
Benefit to Cost Ratio Applicable rate (___%) NA	
Benefit to Cost Ratio at 7% NA	
Remaining Benefits Remaining Costs Ratio at 7%) NA	

FY 2007 ACTIVITIES: Funds would be used to complete design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: September, 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sens Vitter and Landrieu LA; Baker (LA-06)

DISTRICT: New Orleans, LA (MVN)

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Storm Damage Reduction

STUDY NAME: Upper Bayou Boeuf Snagging and Clearing, Louisiana

AUTHORIZATION: SEC 208, 1954 FCA, as amended

LOCATION: The project area is located to the south and west of the city of Alexandria, Louisiana in Rapides Parish.

DESCRIPTION: Louisiana Residential areas within the drainage basin of the upper reaches of Bayou Boeuf and surrounding bayous are experiencing localized flooding because of obstructions that have developed over many years. The residents of the area have reported that the obstructions within the bayous have created a hindrance to normal drainage runoff. This hindrance has caused several subdivisions developments and recreational areas, such as the City of Alexandria's Golf Course to experience flooding due to the backup of water in Bayou Boeuf.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 100
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 100
Allocations thru FY 2005	\$ 59
Allocation for FY 2006	0
FY 2007 Work Plan	41
Allocation for FY 2007 (E&WD)	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	N/A
Remaining Benefits Remaining Costs Ratio	N/A

FY 2007 ACTIVITIES: Continue Feasibility up to the point of needing an FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Support; Consistent with Administration policy

CONGRESSIONAL INTEREST: Landrieu and Vitter LA; Alexander (LA-5),

DISTRICT: New Orleans, LA (MVN)

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Wild Rice and Marsh Rivers, Ada, MN

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: The city of Ada is located in Norman County in northwestern Minnesota, approximately 210 miles northwest of Minneapolis-St. Paul, Minnesota. Ada is in the Marsh River watershed, a tributary of the Red River of the North.

DESCRIPTION: The preferred alternative is to raise the levees around Ada so that the entire city would be protected to the level of the 1997 flood. The city asked that the study also assess the feasibility of diverting Judicial Ditch 51 at the northwest portion of the city. The Corps is completing field investigations and is evaluating alternatives for several ditch alignments, levee configurations, and nonstructural measures.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 667
Estimated Non-Federal Cost	567
Cash	(567)
Other	(0)
Total Estimated Cost	\$ 1,234
Allocations thru FY 2005	\$ 330
Allocation for FY 2006	137
FY 2007 Work Plan	200
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	TBD
Benefit to Cost Ratio at 7%	TBD
Remaining Benefits Remaining Costs Ratio at 7%	TBD

FY 2007 ACTIVITIES: Continue work on Feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008 (Feasibility).

OTHER INFORMATION: New Feasibility Cost Sharing Agreement was signed Oct 2006, when City of Ada took over local responsibilities from the Wild Rice River Watershed District.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Peterson (MN-7); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Winnebago River, Mason City, IA

AUTHORIZATION: Section 205 of the 1948 Flood Control Act, as amended.

LOCATION: Mason City, Cero Gordo County, Iowa

DESCRIPTION: The project is located on the Winnebago River in Mason City Iowa. Flooding occurs along the river between the 13<sup>th</sup> Street NE Bridge and the North Kentucky Avenue Bridge. There are several commercial structures, 120 homes and the city's water treatment plant in the area subject to flooding

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 300
Estimated Non-Federal Cost	200
Cash	
Other	
Total Estimated Cost	\$ 500
Allocation thru 2005	\$ 0
Allocation for FY 2006	10
FY 2007 Work Plan	90
Balance to Complete after FY 2007	200
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete the Initial Assessment and determination of Corps interest in further study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The Initial Assessment is scheduled to be complete in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Latham (IA-4); Senators Harkin and Grassley (IA)

DISTRICT: Rock Island District

DATE: 5 April 2007

# OPERATION AND MAINTENANCE



FACT SHEET  
OPERATIONS AND MAINTENANCE, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Reservoir Operating Plan Evaluation (ROPE), Mississippi Headwaters, MN

AUTHORIZATION: The Rivers and Harbors Act of 1880 and 1882

LOCATION: The Reservoirs at the Headwaters of the Mississippi River are located in north central Minnesota.

DESCRIPTION: The Corps of Engineers and the U.S. Forest Service are conducting a long-range study to improve system wide operations of the Mississippi Headwaters reservoirs. The U.S. Forest Service dam at Cass Lake is being included in the study through a partnership with the Corps. The six Corps dams were constructed or reconstructed between 1900 and 1913 for the purpose of aiding navigation by stabilizing water flow in the Mississippi River between St. Paul, Minnesota and Prairie du Chien, Wisconsin. The project includes six Corps managed campgrounds and several day use areas serving about 1.7 million visitors annually. The project's water resource management impacts several communities, thousands of property owners and countless recreational users. Its natural resources are valued by resource agencies, industry and Native American communities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 4,001.1
Estimated Non-Federal Cost	424.5
Cash	(280.5)
Other	(144)
Total Estimated Cost	\$ 4,425.6
Allocation thru FY 2005	3,195.1
Allocation for FY 2006	356
FY 2007 Work Plan	150
Balance to Complete after FY 2007	300
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: A preferred operating plan will be identified, evaluated and presented within the Draft report and Environmental Impact Statement, scheduled for public release in Fall 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Congressional Add (House) in FY 2006.

ADMINISTRATION POSITION: Support.

CONGRESSIONAL INTEREST: House: Oberstar (MN-8). Sen: Coleman and Klobuchar (MN).

DISTRICT: St. Paul

Date: 5 April 2007

# COMMERCIAL NAVIGATION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Atchafalaya River and Bayous Chene, Boeuf, and Black, LA.

AUTHORIZATION: River and Harbors Act of 1968

LOCATION: The study area is located in south-central Louisiana in the vicinity of Morgan City and in the parishes of Assumption, St. Mary, and Terrebonne.

DESCRIPTION: The project provides a 20-by 400-foot navigation outlet for the major marine fabrication and repair facilities east of Morgan City, which build mobile offshore petroleum drilling rigs. The project also provides a harbor of refuge for rigs and related floating equipment from Gulf hurricanes. The lower reach of the project, across the Atchafalaya Bay and Bar, is the navigation access to the Gulf for facilities along the Lower Atchafalaya River in Morgan City. The study is addressing channel enlargement to a depth of 35 feet over a bottom width of 400 feet.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$3,807
Estimated Non-Federal Cost	3,610
Cash	(3,610)
Other	( 0)
Total Estimated Cost	7,417
Allocation thru FY 2005	2,207
Allocation for FY 2006	198
FY 2007 Work Plan	198
Balance to Complete after FY 2007	1,204
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue the feasibility phase of the study, including benefit analysis, hydraulic studies to determine maintenance dredging requirements, designs and cost estimates, environmental analyses, and economic market risk analyses.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter (LA); and Melancon (LA-3)

DISTRICT: Vicksburg

DATE: 14 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

STUDY NAME: Calcasieu Lock, LA

AUTHORIZATION: SR, 29 Sep 72 and HR, 12 Oct 72

LOCATION: Calcasieu Lock is a feature of the Gulf Intracoastal Waterway between Apalachee Bay, Florida, and the Mexican Border Project. The lock is located east of the Calcasieu River, approximately 10 miles south of Lake Charles, Louisiana, in Calcasieu Parish.

DESCRIPTION: The lock prevents saltwater intrusion from the Calcasieu River into the Mermentau River basin, a major rice producing area. Calcasieu Lock, which was completed in 1950, has dimensions of 13 by 75 by 1,206 feet and is structurally sound. The lock is congested due to increasing traffic. Intracoastal Waterway Locks, Louisiana, a reconnaissance study completed in 1992, determined there is an immediate need for capacity increases at Bayou Sorrel and Calcasieu Locks. The Calcasieu Lock Section 905(b) analysis found a benefit-cost ratio of 1.2:1 for provision of a new lock and recommended proceeding with feasibility phase studies. The costs, however, are being revisited to reflect post-Rita price increases.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$4,481
Estimated Non-Federal Cost	0
Cash	( 0)
Other	( 0)
Total Estimated Cost	\$4,481
Allocation thru FY 2005	\$1,683
Allocation for FY 2006	198
FY 2007 Work Plan	342
Balance to Complete After FY 2007	2,258
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used for: modeling contract to evaluate flood control impacts of lock operation; alternative plan formulation/evaluation; H&H, preliminary designs and environmental analysis; economic analyses of navigation/flood control benefits; ERDC barge simulation model to evaluate navigability of alternatives; and cultural resources/land-use investigations.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 08 to complete feasibility.

OTHER INFORMATION: Funding delays have resulted in a need for re-analysis of economics.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Boustany (LA-7) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

DATE: 18 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Calcasieu River and Pass Navigation, LA

AUTHORIZATION: Interim study under the Mermentau, Vermillion, and Calcasieu Rivers and Bayou Teche, Louisiana study authority (RHA 22 Dec 44 and 2 Mar 45, HRs 23 Jun 64, 5 Oct 66, 3 Oct 68, and 2 Dec 70).

LOCATION: The study area is located in southwestern Louisiana in Calcasieu and Cameron Parishes.

DESCRIPTION: The existing Calcasieu River and Pass project provides for a 40- by 400-foot wide channel from the Gulf of Mexico to the wharves of the Port of Lake Charles (mile 34.1); a turning basin at mile 29.6; and a 35- by 250-foot deep channel from Mile 34.1 to Mile 36. A significant portion of the tonnage is crude oil, refined petroleum products, industrial chemicals, and other bulk cargo. Liquefied Natural Gas (LNG) vessel traffic has been increasing and is projected to continue to increase. Deep-draft vessels cannot meet on the relatively narrow channel, and traffic is restricted to one-way, resulting in delays to vessels that must wait until oncoming traffic clears the channel. The Lake Charles Harbor and Terminal District is the local sponsor of the feasibility study that will look at means to improve navigation efficiency. Specifically, the feasibility of anchorage areas will be investigated under this study.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,087
Estimated Non-Federal Cost	931
Cash	(215)
Other	(716)
Total Estimated Cost	\$ 2,018
Allocation thru FY 2005	\$ 132
Allocation for FY 2006	594
FY 2007 Work Plan	0
Balance to Complete after FY 2007	\$ 361
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue feasibility using \$570,000 carried over from FY 2006 and contributed non-Federal funds. Work items include conducting an economic analysis and formulating alternatives.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Boustany (LA-7) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

DATE: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

STUDY NAME: Port of Iberia, LA

AUTHORIZATION: Sec 431, WRDA 2000

LOCATION: The Port of Iberia is located in south central Louisiana near the Louisiana coast in Iberia Parish.

DESCRIPTION: The Port has access to the Gulf of Mexico via their own Commercial Canal, the Gulf Intracoastal Water (GIWW) project, the Freshwater Bayou project, and the locally constructed Freshwater Lock By-Pass. The study is addressing the feasibility of providing a deeper and wider access channel to the port through enlargement of existing channels. The plan includes dredging from the Port of Iberia along Commercial Canal to the GIWW, then along the GIWW to Freshwater Bayou, and then along Freshwater Bayou to the Gulf of Mexico to provide a 20-foot deep by 150-foot wide navigation channel.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$4,500
Estimated Non-Federal Cost	1,500
Cash	(1,500)
Other	( 0)
Total Estimated Cost	\$6,000
Allocation thru FY 2005	\$ 0
Allocation for FY 2006	272
FY 2007 Work Plan	750
Balance to Complete After FY 2007	3,478
Benefit to Cost Ratio Applicable Rate (5 1/8)	Ranges 1.1 to 2.2
Benefit to Cost Ratio at 7%	2.3
Remaining Benefits Remaining Costs Ratio at 7%	2.3

FY 2007 ACTIVITIES: PED was initiated in February 2007 and PED activities are continuing.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: The first cost of the tentatively selected plan is estimated to be \$163 million.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Boustany (LA-7) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

DATE: 18 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Red River Navigation, Southwest Arkansas, AR

AUTHORIZATION: 1983 SAA (PL 98-63), 30 Jul 83, and WRDA 1996, Sec 402.

LOCATION: Study area is located in northwest Louisiana and southwest Arkansas and includes the 135 miles of the Red River between Shreveport, LA, and Index, AR.

DESCRIPTION: The feasibility study is investigating alternatives for extending navigation from Shreveport, LA, to Index, AR.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$4,073
Estimated Non-Federal Cost	3,673
Cash	(2,730)
Other	(943)
Total Estimated Cost	7,746
Allocations thru FY 2005	3,577
Allocation for FY 2006	148
FY 2007 Work Plan	148
Balance to Complete after FY 2007	200
Benefit to Cost Ratio Applicable Rate (5-1/8%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to resolve HQUSACE policy concerns and continue preparation of the final feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: The tentatively recommended plan is a two lock and dam plan to Garland, Arkansas. Investigations conducted to date indicate that the project is economically feasible. This project is not in the President's budget for the PED phase. In addition, construction authorization will be required.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Senate: Lincoln and Pryor (AR) and Vitter and Landrieu (LA); House: McCrery (LA-04) and Ross (AR-04).

DISTRICT: Vicksburg

DATE: 14 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Navigation and Ecosystem Restoration

**PROJECT/STUDY NAME:** Upper Mississippi River – IL Waterway System, IL, IA, MO, MN & WI (Navigation and Ecosystem Sustainability Program, IL, IA, MN, MO, & WI)

**AUTHORIZATION:** Section 216 of the Flood Control Act of 1970 (Public Law 91-611), Pending new authorization under WRDA 2007.

**LOCATION:** The program area comprises the Upper Mississippi River System, as defined by Congress in the Water Resources Development Act of 1986 (WRDA 1986), which includes the Upper Mississippi River from Minneapolis, Minnesota, to Cairo, Illinois; the Illinois Waterway from Chicago to Grafton, Illinois; and navigable portions of the Minnesota, St. Croix, Black and Kaskaskia Rivers. This multi-use resource supports an extensive navigation system (made up of 1200 miles of 9 foot channel and 37 lock and dam sites), a diverse ecosystem (2.7 million acres of habitat supporting hundreds of fish and wildlife species), floodplain agriculture, recreation and tourism.

**DESCRIPTION:** The Upper Mississippi River-Illinois Waterway System Navigation Study was completed in Sept 2004 after more than 14 years of intensive study and evaluation of the navigation improvement and ecological restoration needs for the UMR-IWW system for the years 2000-2050. The system is a vital part of our national economy and a valuable ecological resource. The 1200 miles of 9' foot channel created by the 37 lock and dam sites allow waterway traffic to move from one pool to another providing an integral regional, national, and international transportation network. The system is significant for certain key exports and the Nation's balance of trade. For example, in 2000, the Upper Mississippi River System carried approximately 60 percent of the Nation's corn and 45 percent of the Nation's soybean exports. The UMRS ecosystem consists of 2.7 million acres of bottomland forest, islands, backwaters, side channels and wetlands—all of which support more than 300 species of birds, 57 species of mammals, 45 species of amphibians and reptiles, 150 species of fish, and nearly 50 species of mussels. More than 40 percent of North America's migratory waterfowl and shorebirds depend on the food resources and other life requisites (shelter, nesting habitats, etc.) that the system provides. It also provides boating, camping, hunting, trapping and other recreational opportunities. The resulting study final recommendation includes a program of incremental implementation and comprehensive adaptive management to achieve the dual purposes of ensuring a sustainable natural ecosystem and navigation system. With congressional appropriations for Preconstruction, Engineering and Design (PED) beginning in February 2005, the study team adopted a working title of UMRS Navigation and Ecosystem Sustainability Program (NESP) to distinguish PED efforts from the Feasibility Study.

<b>SUMMARIZED FINANCIAL DATA:</b>	<b>FY 2007 (\$000)</b>
	<b><u>PED</u></b>
Estimated Federal Cost	\$59,780
Estimated Non-Federal Cost	0
Total Estimated Cost	59,780
Allocation thru FY 2005	13,413
Allocation for FY 2006	9,900
FY 2007 Work Plan	14,000
Balance to Complete after FY 2007	22,467
Benefit to Cost Ratio Applicable Rate at 7%	N/A
Benefit to Cost at 7%	N/A
Remaining Benefits Remaining Costs Ratio	N/A

**FY 2007 ACTIVITIES:** Continuation of Interim Report on Economic Re-evaluation of Navigation improvements (\$3.0M). Remaining funds (\$11.0M) will be used to bring the preconstruction engineering design (PED) efforts of 30 navigation efficiency and ecosystem restoration projects to an orderly close.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Several small scale projects will complete PED by Sept 2007.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Pending review of the draft Sept 2007 Interim Report on Economic Re-evaluation of the proposed plan.

**CONGRESSIONAL INTEREST:** Braley (IA-1); Loeb sack (IA-2); Boswell (IA-3); Latham (IA-4); King (IA-5); Kind (WI-3); Obey (WI-7); Manzullo (IL-16); Hare (IL-17); LaHood (IL-18); Shimkus (IL-19); Costello (IL-12); Clay (MO-1); Akin (MO-2); Hulshof (MO-9); Emerson (MO-8); Carnahan (MO-3); Walz (MN-1); Kline (MN-2); Oberstar (MN-8); Grassley (IA); Harkin (IA); Durbin (IL); Obama (IL); Coleman (MN); Klobuchar (MN); Bond (MO); McCaskill (MO); Feingold (WI); Kohl (WI).

**DISTRICT:** Rock Island

Date: 16 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Inner Harbor Navigation Canal Lock & Trust Fund, LA

AUTHORIZATION: Sec 455, RHA 56; Sec 186, WRDA 76; Sec 844, WRDA 86; Sec 326 WRDA 96

LOCATION: The Project is located in New Orleans, LA within the Industrial Navigation Canal, a vital link within the Gulf Intracoastal Waterway system between St Claude and Claiborne Avenues.

DESCRIPTION: The project provides for a new inland navigation deep draft lock

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 733,300
Estimated Non-Federal Cost	70,700
Cash	\$39,000
Other	31,700
Total Estimated Cost	\$ 804,000
Allocation thru 2005	\$116,495 (CG & TF)
Allocation for FY 2006	7,658
Supplemental Allocation for FY 2006	1,000
FY 2007 Work Plan	4,000
Balance to Complete after FY 2007	604,147
Benefit to Cost Ratio Applicable rate ( <u>6.875%</u> ) <u>3.5</u>	
Benefit to Cost Ratio at 7% <u>3.4</u>	
Remaining Benefits Remaining Costs Ratio at 7%) <u>5.0</u>	

FY 2007 ACTIVITIES: Initiate activities for development of the Supplemental Environment Impact Statement (SEIS) and sediment sampling and analysis contract for data collection integral to the SEIS. The project is currently enjoined due to a ruling in Federal court. The enjoinder will stand until completion of a SEIS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined

OTHER INFORMATION: The FY 2006 Dept. of Defense Supplemental Appropriations provided additional Construction, General (CG) funds (\$12,500) to rehabilitate and repair Corps projects related to the consequences of hurricanes in the Gulf of Mexico and Atlantic Ocean in 2005. The additional CG funds are not reflected in the project cost estimate.

ADMINISTRATION POSITION: Support; Consistent with Administration policy

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter (LA); Jindal (LA-1); Jefferson (LA 2); Melancon (LA-3)

DISTRICT: New Orleans, LA - MVN

Date: 30 March 2007

B-100

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Lock and Dam 3, Mississippi River, MN (Major Rehabilitation)

AUTHORIZATION: RHA 1930

LOCATION: Lock and Dam No. 3 is located on the Mississippi River about 57 miles downstream of St. Paul, MN, and 6 miles upstream of Red Wing, MN.

DESCRIPTION: A General Reevaluation Report (GRR) addressing related problems of navigation safety and the integrity of the Wisconsin embankments is being staffed at MVD for approval. Lock and Dam 3 was built on a river bend in order to preserve high quality floodplain habitat on the Wisconsin side. This location on the bend results in an outdraft current that tends to sweep down bound tows toward the gated dam. Eleven accidents have occurred with tows colliding with the gated part of the dam. Navigation accidents can lead to loss of water control, overtopping, and erosion of the embankments. Failure of the embankment system could result in an accidental drawdown of Pool 3, with adverse effects on the river environment, navigation, and operation of two large electrical generating plants. The recommended plan includes an extended landward guidewall with channel modifications to improve navigation safety and strengthening the Wisconsin embankments that maintain the navigation pool.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Construction</u>	
Estimated Federal Cost		\$ 66,000
General Appropriations		(33,000)
Inland Waterways Trust Fund		(33,000)
Estimated Non-Federal Cost		0
Total Estimated Cost		\$ 66,000
	<b>IWTF</b>	<b>General Appropriations</b>
Allocations thru FY 2005	\$ 2,217	\$ 2,217
Allocation for FY 2006	742	742
FY 2007 Work Plan	250	250
Balance to Complete After FY 2007	\$ 29,791	\$ 29,791
Benefit to Cost Ratio Applicable Rate (5.375%)	1.85	1.85
Benefit to Cost Ratio at 7%	1.47	1.47
Remaining Benefit to Remaining Cost Ratio at 7%	1.6	1.6

FY 2007 ACTIVITIES: Once the General Reevaluation Report is approved and the Record of Decision (ROD) is signed, work will shift from the design documentation report to detailed plans and specifications for first construction contract and real estate acquisition.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2011

OTHER INFORMATION: The Lock and Dam 3 Wisconsin embankments are in an extremely tenuous condition and are subject to failure during overtopping. Regulatory agencies and the towing industry support the proposed project.

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: House: Kline (MN-2), McCollum (MN-4), Kind (WI-3); Sen: Feingold and Kohl (WI); Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 14 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Red River Emergency Bank Protection, AR, LA, OK, and TX

AUTHORIZATION: RHA 68; WRDA 76.

LOCATION: The project is located in northwest Louisiana, southwest Arkansas, southeast Oklahoma, and northeast Texas, along the Red and Old Rivers between the mouth of Old River at its juncture with the Mississippi River and Denison Dam, Texas.

DESCRIPTION: The project provides for protection of critical infrastructure and land along the river. The project plan provides for revetment, dikes, or cutoffs that can be accomplished in advance of developing the design for the entire project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$136,434
Estimated Non-Federal Cost	2,182
Cash	(7)
Other	(2,175)
Total Estimated Cost	138,616
Allocation thru FY 2005	132,791
Allocation for FY 2006	3,543
FY 2007 Work Plan	100
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete the construction contract for Bois D'Arc, AR, Revetment.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Ross (AR-4) and McCrery (LA-4); Sen: Lincoln and Pryor (AR); Vitter and Landrieu (LA).

DISTRICT: Vicksburg

DATE: 14 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Northwest Tennessee Regional Harbor, Tennessee

AUTHORIZATION: Section 107 of the River and Harbor Act of 1960.

LOCATION: The harbor will be located on the Mississippi River near Tiptonville, in Lake County, Tennessee.

DESCRIPTION: Harbor, dredge disposal area, and bank stabilization.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000) DESIGN & <u>CONSTRUCTION</u>
Estimated Federal Cost	\$ 3,706
Estimated Non-Federal Cost	3,026
Cash	(1,928)
Other	(1,238)
Total Estimated Project Cost	\$ 6,872
Allocations thru FY 2005	\$ 0
Allocation for FY 2006	485
FY 2007 Work Plan	3,221
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate (5.625 %)	1.84
Benefit to Cost Ratio at 7%	1.485
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Current year funds are being used to complete P&S and initiate construction subject to acquisition of project rights-of-way and mitigation land. Construction is scheduled to be completed in September 2008.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: The sponsor is the Northwest Tennessee Regional Port Authority and a project cooperation agreement was executed in September 2005.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority

CONGRESSIONAL INTEREST: House: Tanner. Senate: Alexander and Cocker (TN).

DISTRICT: Memphis

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Yazoo Diversion Canal, Warren County, MS

AUTHORIZATION: Section 107 of the 1960 River and Harbor Act, as amended.

LOCATION: The project is located in the Yazoo Diversion Canal adjacent to Vicksburg, Mississippi. The project area extends from the mouth of the canal at the Mississippi River to the Vicksburg Harbor, a distance of approximately 3 miles.

DESCRIPTION: Yazoo River inbound and outbound traffic also traverses the canal. The existing narrow channel and channel alignment are cited as the major problems in the project area affecting future development and the safe movement of barges. Currently, tows must reduce speed while navigating in this area and must be broken down into one- and two-barge tows because of the narrow channel width when entering the canal. This requirement adds transit time and transportation costs. The plan allows four-barge tows (four barges, two square) to traverse the canal to Vicksburg Harbor.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000) Design & <u>Implementation</u>
Estimated Federal Cost	\$3,900
Estimated Non-Federal Cost	1,597
Cash	(1,458)
Other	(139)
Total Estimated Cost	5,497
Allocation thru FY 2005	473
Allocation for FY 2006	2,812
FY 2007 Work Plan	615
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (6-3/8%)	3.0
Benefit to Cost Ratio at 7%	2.8
Remaining Benefits Remaining Costs Ratio at 7%	3.1

FY 2007 ACTIVITIES: Funds are being used to fully fund construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: The Project Cooperation Agreement was executed with the local sponsors (city of Vicksburg and Warren County Port Commission) on 6 July 2005. Contract was awarded 19 March 2007.

ADMINISTRATION POSITION: Support. Consistent with Administration priority.

CONGRESSIONAL INTEREST: Sen: Lott and Cochran (MS); House: Thompson (MS-02).

DISTRICT: Vicksburg District

DATE: 5 April 2007



# OPERATION AND MAINTENANCE

FACT SHEET  
OPERATIONS & MAINTENANCE, GENERAL

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Barataria Bay Waterway, Louisiana

AUTHORIZATION: River and Harbor Act of 2 March 1919

LOCATION: Jefferson Parish

DESCRIPTION: A 40-mile navigation channel in Southeast Louisiana with dimensions of 12 feet deep by 125 feet width for 36.9 miles in the inland and bay channel reaches, and 15 feet deep by 250 feet width for the 3.1-mile bar channel. Authorization includes a rock jetty and an extension to Bayou Rigaud.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 <u>O&amp;M</u>
Estimated Federal Cost	\$3,800,000
Estimated Non-Federal Cost	N/A
Total Estimated Cost	\$3,800,000
Allocation for FY 2006	\$1,154,000
FY 2007 Work Plan	\$ 0
Balance to Complete after FY 2007	N/A
Budget Request for FY 2008	\$ 0

FY 2007 ACTIVITIES: N/A

OTHER INFORMATION: The project is a high priority of Grand Isle, as well as Jefferson Parish and the Louisiana Congressional member.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority because it's a low-use commercial/recreational channel.

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter LA; Melancon (LA-3).

DISTRICT: New Orleans

Date: 30 Mar 2007

FACT SHEET  
OPERATIONS & MAINTENANCE, GENERAL  
Bayou Lacombe, Louisiana

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Bayou Lacombe, Louisiana

AUTHORIZATION: River and Harbors Act of 30 August 1935

LOCATION: The project is located on the north shore of Lake Pontchartrain in St. Tammany Parish.

DESCRIPTION: The primary use of the waterway is for recreation, which requires periodic maintenance of the bar channel. Authorization provides for a channel 8' x 60' through the entrance bar in Lake Pontchartrain. Removal of snags and overhanging trees to fish hatchery at mile 8.2.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$1,344,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 900,000
Allocation thru 2005	N/A
Allocation for FY 2006	\$ 444,000
FY 2007 Work Plan	\$ 0
Balance to Complete after FY 2007	\$ 900,000

FY 2007 ACTIVITIES: The FY07 activities include completing project condition surveys and environmental assessment on disposal areas, and initiating engineering and design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project condition surveys are complete and EA should be completed before the end of the FY.

OTHER INFORMATION: Due to environmental concerns with existing Lake disposal sites, new disposal sites had to be identified and required a new EA to be performed.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority because it's a low-use commercial/recreational channel.

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter, LA; Boustany, LA-7

DISTRICT: New Orleans District

Date: 30 March 2007

FACT SHEET  
OPERATIONS & MAINTENANCE, GENERAL

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Bayou Segnette Waterway, Louisiana

AUTHORIZATION: River and Harbor Act of 3 September 1954

LOCATION: Jefferson Parish

DESCRIPTION: A 12.2-mile navigation channel from Westwego, Louisiana, to the Gulf Intracoastal Waterway. Channel Dimensions of 6 feet deep by 60 feet width for the entire 12.2 miles.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007
	<u>O&amp;M</u>
Estimated Federal Cost	\$1,500,000
Estimated Non-Federal Cost	N/A
Total Estimated Cost	\$1,500,000
Allocation for FY 2006	\$1,287,000
FY 2007 Work Plan	\$ 0
Balance to Complete after FY 2007	N/A
Budget Request for FY 2008	\$ 0

FY 2007 ACTIVITIES: Funds carried in from FY2006 are being used for operation and maintenance expenses including channel condition surveys and dredging.

OTHER INFORMATION: The project is a high priority to Jefferson Parish

ADMINISTRATION POSITION: Consistent with administration policy but a low budget priority because it is a low-use commercial/recreational channel.

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter (LA); Jefferson (LA-2)

DISTRICT: New Orleans

Date: 11 April 2007

FACT SHEET  
(O&M General)  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Claiborne County Port, Mississippi

AUTHORIZATION: Section 107, River and Harbor Act of 1960 (PL 86-645).

LOCATION: Claiborne County Port is located along the Mississippi River in Adams County, Mississippi.

DESCRIPTION: Claiborne County Port is a slack-water, shallow draft port.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Maintenance</u>
Allocation for FY 04	\$ 0
Allocation for FY 05	0
Allocation for FY 06	73
FY 2007 Work Plan	0

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: This project's purpose is to meet transportation needs of water-oriented industry in Adams County, Mississippi. Without maintenance dredging funds, this port will lose project dimensions, requiring the port to be shut down during the busiest time of the year when harvested crops and timber are shipped.. This port services many small communities and farmers in Mississippi. The project was constructed in 1982. The loss of navigation could have significant adverse economic impacts on the region.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: : Senate: Lott and Cochran (MS); House: Thompson (MS-02).

DISTRICT: Vicksburg

DATE: 5 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME: Southeast Missouri Port, Missouri

AUTHORIZATION: Section 107 of River and Harbor Act of 1960 (Public Law 86-645).

LOCATION: This Federal project is located on the right bank of the Mississippi River between river miles 47.5 and 48.8 above the Ohio River in Scott and Cape Girardeau Counties in Southeast Missouri.

DESCRIPTION: The project consists of a 1,800-foot slack water harbor with a nine-foot navigation channel, docking facilities, barge-rail-truck transfers, bagging, warehousing, outdoor storage, and nearby fleeting. It links waterborne transportation to rail and truck and provides economic stimulus to the Southeast Missouri region. The project has a Federal responsibility to dredge the approach channel and the authorized channel within the port.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>O&amp;M</u> N/A
Estimated Non-Federal Cost	N/A
Cash	(N/A)
Other	(N/A)
Total Estimated Cost	N/A
Allocation thru FY 2005	N/A
Allocation for FY 2006	311
FY 2007 Work Plan	0
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable Rate (N/A)	N/A
Benefit to Cost Ratio (7%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Carryover funds of \$167,000 will be used to perform dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A.

OTHER INFORMATION: Maintenance dredging by the Corps was included in the original project agreement. Historically, annual dredging has been required to maintain the project depth. Failure to maintain project depth will impair movement of cargo from this port. Typically 919,000 tons of cargo are handled (5-year average, 2002-2006). In 2006, tonnage handled was 1,024,383 tons. This is the third year in a row that tonnage has exceeded the 1,000,000 threshold.

Without dredging the Port, businesses would be forced to close, downsize, or relocate, resulting in loss of jobs and higher costs to farmers for shipping and fertilizer. Jobs created total 800 to 1,000 in the port companies, trucking companies, and supporting businesses. Agricultural benefits include over \$4,000,000 in grain transportation savings and over \$2,000,000 in fertilizer transportation savings, serving 700 to 1,000 farmers in the surrounding region.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Emerson (MO-08); Sen: Bond and McCaskill (MO)

DISTRICT: St. Louis District

DATE: 28 March 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Warroad Harbor and River, MN (Harbor Dredging)

AUTHORIZATION: River and Harbors Act of 1899, 1900, 1905, 1909, 1912, 1926 & PL 93-251. HD 92-56-2; HD 703-61-2; HD 467-69-1.

LOCATION: Warroad Harbor is located in the City of Warroad, Minnesota on the western shore of the "Lake of the Woods" approximately 6 miles south of the Canadian border in northwestern Minnesota.

DESCRIPTION: The harbor project is authorized for maintenance of an access channel and harbor to a depth of 8.0 feet below low water datum of 1056.0 mean sea level elevation that is approximately 9200 feet long and varying in width from 100 to 300 feet. Maintenance dredging has been limited to a depth of 7.0 feet and width of 100 feet. Flash flooding in the summer of 2002 caused severe shoaling and now the outer channel is virtually impassable in some areas. Approximately 9100 linear feet of channel (estimated 50,000 cubic yards) requires dredging at this time. The City of Warroad, as local sponsor for the project, would provide a placement site for the dredge material. The dredging would be accomplished by contract.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>PED / Dredging</u>
Estimated Federal Cost	\$ 322
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 322
Allocation thru FY 2005	100
Allocation for FY 2006	222
FY 2007 Work Plan	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Plans, specifications, sediment testing, and an environmental assessment have been completed. The remaining funds available are being used on a spot dredging contract to excavate 18,000 cubic yards of material through the ice.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: A Small Boat Harbor Economic Analysis was completed in December 2005. The purpose of this report was to identify the economic and social impacts associated with maintenance dredging of the four USACE maintained harbors at Warroad, Zippel Bay, Angel Inlet, and Baudette on Lake of the Woods in northern Minnesota.

Two NED benefit estimates were calculated using different methodologies for determining the value for a day of lake-based recreation. Average annual costs of \$67,000 can be compared to the partial average annual NED benefit estimates of \$747,000 and \$1,148,000 resulting from full access at Warroad Harbor over the next 25 years. Visitors and tourists drawn by the project have had a large impact on area businesses and provide significant regional economic benefits to the area.

ADMINISTRATION POSITION: Inconsistent with administrative policy.

CONGRESSIONAL INTEREST: House: Peterson (MN-7); Senate: Coleman and Klobuchar (MN).

DISTRICT: St. Paul

Date: 2 April 2007

FACT SHEET  
OPERATIONS & MAINTENANCE, GENERAL

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Waterway from Empire to the Gulf, Louisiana

AUTHORIZATION: River and Harbor Act of 24 July 1946, Ch, 594-PL 525.

LOCATION: Plaquemines Parish

DESCRIPTION: It consists of a 9.5-mile channel from the Dollut Canal to the Gulf of Mexico, with 9-foot-deep by 80-foot-wide channel dimensions.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 <u>O&amp;M</u>
Estimated Federal Cost	\$5,000,000
Estimated Non-Federal Cost	N/A
Total Estimated Cost	\$5,000,000
Allocation for FY 2006	\$ 213,000
FY 2007 Work Plan	\$ 0
Balance to Complete after FY 2007	N/A
Budget Request for FY 2008	\$ 0

FY 2007 ACTIVITIES: N/A

OTHER INFORMATION: Plaquemines Parish expressed the stated maintenance needs as a high priority of the parish.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority because it's a low-use commercial/recreational channel.

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter LA; Melancon (LA-3).

DISTRICT: New Orleans

Date: 30 Mar 2007



FACT SHEET  
OPERATIONS & MAINTENANCE, GENERAL

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Waterway from Intracoastal Waterway to Bayou Dulac, Louisiana

AUTHORIZATION: River and Harbor Act of 23 October 1962, Sec 101.

LOCATION: Terrebonne Parish

DESCRIPTION: It consists of a 10-foot-deep by 45-foot-wide channel in Bayou LeCarpe from the Gulf Intracoastal Waterway via Bayou Pelton and Bayou Grand Caillou to Bayou Dulac with channel dimensions of 5 feet deep by 40 feet wide.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 <u>O&amp;M</u>
Estimated Federal Cost	\$ 250,000
Estimated Non-Federal Cost	N/A
Total Estimated Cost	\$ 250,000
Allocation for FY 2006	\$ 177,000
FY 2007 Work Plan	\$ 0
Balance to Complete after FY 2007	N/A
Budget Request for FY 2008	\$ 0

FY 2007 ACTIVITIES: N/A

OTHER INFORMATION: Terrebonne Parish expressed the stated maintenance needs as a high priority of the parish.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority because it's a low-use commercial/recreational channel.

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter LA; Melancon (LA-3).

DISTRICT: New Orleans

Date: 30 Mar 2007

FACT SHEET  
(Operation and Maintenance General)  
Enacted Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Yazoo River, Mississippi

AUTHORIZATION: Water Resources Development Act of 1986 (PL 99-662)

LOCATION: The Yazoo River provides navigation from Mouth of the Yazoo River, Vicksburg, Mississippi, to Greenwood, Mississippi.

DESCRIPTION: Clearing and snagging of the channel provides a clear channel to Yazoo City. The project depth of 9 feet is authorized, but not dredged, to Greenwood, a distance of over 158 miles.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Maintenance</u>
Allocation for FY 04	\$ 0
Allocation for FY 05	0
Allocation for FY 06	125
FY 2007 Work Plan	0

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: This project meets transportation needs of water-oriented industry from Greenwood to Vicksburg, Mississippi. Without maintenance funds, the project would become hazardous to navigation due to the log jams and snags. This river services many small communities and farmers in the Mississippi Delta.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senate: Lott and Cochran (MS); House: Thompson (MS-02).

DISTRICT: Vicksburg

DATE: 5 April 2007

FACT SHEET  
(O&M General)  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Yellow Bend Port, Arkansas

AUTHORIZATION: River and Harbor Act of 1960 (PL 99-662), Section 107

LOCATION: Yellow Bend Port is located along the Mississippi River in Desha County, Arkansas.

DESCRIPTION: Yellow Bend Port is a slack-water, shallow draft port.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Maintenance</u>
Allocation for FY 04	\$116
Allocation for FY 05	114
Allocation for FY 06	147
FY 2007 Work Plan	0

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: This project's purpose is to meet transportation needs of water-oriented industry in Desha and Chicot Counties in Arkansas. Without maintenance dredging funds, this port will lose project dimensions requiring the port to be shut down during the busiest time of the year when crops are harvested and shipped.. This port services many small communities and farmers in the Arkansas Delta. The project was constructed in 1990 and has been maintained annually. The loss of navigation will have significant adverse economic impacts on the region.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senate: Lincoln and Pryor (AR); House: Ross (AR-04).

DISTRICT: Vicksburg

DATE: 5 April 2007

# ENVIRONMENT

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Amite River and Tributaries Ecosystem Restoration, LA

AUTHORIZATION: SR 14 Apr 67, HR 23 Jul 98 Docket 2571

LOCATION: The 2,200-square-mile Amite River basin is located in southeastern Louisiana and southwestern Mississippi.

DESCRIPTION: The feasibility study will determine the most practicable alternative to restore the Amite River ecosystem and reduce flood damages.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$2,700
Estimated Non-Federal Cost	2,600
Cash	( 0)
Other	(2,600)
Total Estimated Cost	\$5,300
Allocation thru 2005	\$ 97
Allocation for FY 2006	198
FY 2007 Work Plan	100
Balance to Complete after FY 2007	\$2,205
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Funds are being used to run alternatives based on the completed model of existing conditions. The EIS Notice of Intent was released and public scoping meetings are being scheduled.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Baker (LA-6) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

DATE: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/ STUDY NAME: Baraboo River, WI

AUTHORIZATION: HR 14 Jun 72

LOCATION: The Wisconsin River Basin extends 430 miles from the northern border of Wisconsin and the Upper Peninsula of Michigan to the river's confluence with the Mississippi River just below Prairie du Chien, Wisconsin, in the southwestern corner of the state. The basin consists of over 12,000 square miles primarily in central and southwestern Wisconsin. The Baraboo River is a major tributary to the Wisconsin River. The confluence of the two rivers is located at Portage, Wisconsin.

DESCRIPTION: The reconnaissance study was initiated in November 2000 and was completed in May 2002. The study identified at least five potential feasibility studies: ecosystem restoration at Petenwell Lake; a Wisconsin River basin watershed and water quality management study; aquatic ecosystem restoration at Prairie du Sac; a lower Wisconsin River streambank and aquatic ecosystem habitat restoration study; and ecosystem restoration and flood damage reduction – Caledonia levee and Blackhawk Park.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 5,317
Estimated Non-Federal Cost	4,800
Cash	(2,000)
Other	(2,800)
Total Estimated Cost	\$10,117
Allocation thru FY 2005	\$ 298
Allocation for FY 2006	59
FY 2007 Work Plan	0
Balance to Complete after FY 2007	4,960
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Initiation of the feasibility phase is contingent upon signing of a Feasibility Cost Sharing Agreement with Wisconsin Department of Natural Resources.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Baldwin (WI-2), Kind (WI-3), Obey (WI-7); Sen: Feingold and Kohl (WI)

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Blue Earth River Ecosystem Restoration, MN and IA (Minnesota River Basin)

AUTHORIZATION: HR, 10 May 62

LOCATION: The Blue Earth River basin is located in Minnesota and Iowa south of the City of Mankato, Minnesota.

DESCRIPTION: The Blue Earth River aquatic ecosystem restoration study will evaluate measures to restore habitat and connectivity between the Minnesota River and 1,200 miles of perennial tributary streams that have been isolated from the main stem for nearly a century. The study would assess options at the Rapidan Dam including removal, modification, and rehabilitation of the structure.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 810
Estimated Non-Federal Cost	810
Cash	( 810)
Other	( 0)
Total Estimated Cost	\$ 1,620
Allocation thru FY 2005	\$ 0
Allocation for FY 2006	79
FY 2007 Work Plan	40
Balance to Complete after FY 2007	691
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Execute a Feasibility Cost Sharing Agreement and begin feasibility study activities when signed. Initial tasks include geotechnical investigations and hydraulic modeling at the Rapidan Dam.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Walz (MN-1), Latham (IA-4); Sen: Klobuchar and Coleman (MN); Harkin and Grassley (IA).

DISTRICT: St. Paul

Date: 16 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Clear Lake Watershed, Iowa (Clear Lake Restoration Project in Clear Lake, IA)

AUTHORIZATION: HR, Docket 2720, 1 October 2003.

LOCATION: Clear Lake is a 3,625-acre natural lake, located near the town of Clear Lake, in north central Iowa.

DESCRIPTION: The primary problems relate to delivery and resuspension of sediments and nutrients, reduction in water depths, and loss of aquatic plants. Potential features to address these problems and restore ecosystem diversity include dredging, island creation, marsh restoration, and construction of off-shore rock dikes to reduce wind fetch and sediment resuspension

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$120
Estimated Non-Federal Cost	0
Cost	(0)
Other	(0)
Total Estimated Cost	\$120
Allocation Thru FY 2005	\$113
Allocation For FY 2006	100
FY 2007 Work Plan	0
Balance to Complete after FY 2007	\$0
Benefit to Cost Ratio Applicable Rate (%)	NA
Benefit to Cost Ratio at (7%)	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: NA

OTHER INFORMATION: Study was terminated. The project sponsor, Iowa Department of Natural Resources, plans to accomplish the principle proposed project feature (dredging) using state revenue and a local match.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Latham (IA-4). Sen: Grassley and Harkin (IA).

DISTRICT: Rock Island

DATE: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Fargo - Moorhead, and Upstream MN, ND, SD (Red River of the North Basin)

AUTHORIZATION: SR, 30 Sep 74

LOCATION: The Fargo-Moorhead and Upstream Feasibility Study (FMUS) area comprises the entire headwaters of the Red River of the North upstream (south) of the cities of Fargo, North Dakota, and Moorhead, Minnesota. The major tributaries in the study area are the Mustinka, Bois de Sioux, and Ottertail Rivers in Minnesota and the Wild Rice River in North Dakota.

DESCRIPTION: The study will look for ways to reduce flood stages and restore aquatic ecosystems in the Red River Basin upstream of Fargo-Moorhead. It will evaluate alternatives including a system of multi-purpose surface water storage sites that restore wetland habitat and provide flood damage reduction benefits.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	Study \$2,210
Estimated Non-Federal Cost	2,210
Cash	( 2,210)
Other	(     0)
Total Estimated Cost	\$4,420
Allocation thru FY 2005	\$ 177
Allocation for FY 2006	15
FY 2007 Work Plan	50
Balance to Complete after FY 2007	1,968
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Continue the feasibility phase of the study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Thirteen non-Federal partners in MN, ND and SD are contributing to the non-Federal share of study costs. Fargo is the largest city in North Dakota, and there are approximately 15,000 homes in the current 100-year flood plain within the city limits. The watershed upstream is largely agricultural with extensive drainage systems. Over 90% of the wetlands that once existed in the watershed have been drained, causing a dramatic decline in wetland-dependent wildlife populations. The basin lies within a major waterfowl and shorebird migration route.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Peterson (MN-7), Pomeroy (ND-AL) Sen: Coleman and Klobuchar (MN); Conrad and Dorgan (ND)

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Illinois River Ecosystem Restoration, IL

AUTHORIZATION: Section 216, Flood Control Act 1970 and Section 519 (Illinois River Basin Restoration), WRDA 2000.

LOCATION: Entire Illinois River Basin including tributaries. The Illinois River and Waterway flows southwest across Illinois connecting Lake Michigan with the Mississippi River.

DESCRIPTION: In August 2000, the State of Illinois and the Corps of Engineers entered into a cost-sharing agreement to conduct a feasibility study for the restoration of this nationally-significant river system. The study emphasizes identifying and evaluating restoration activities related to the State of Illinois' Integrated Management Plan for the Illinois River Watershed and Illinois Rivers 2020 Initiative. The Illinois River Basin has experienced the loss of ecological integrity due to sedimentation of backwaters and side channels, degradation of tributary streams, fluctuations in hydrologic regimes and water levels, loss of floodplain and tributary connectivity, and other adverse impacts caused by human activity. Alternatives have been developed that include watershed/tributary restoration, side channel and backwater restoration, water level management, and floodplain restoration and protection. A joint report has been prepared to address this authority and the related Illinois River Basin Restoration Sec 519 (WRDA 2000) project. The study involves the efforts of four districts (Rock Island, St. Louis, Chicago, and Detroit).

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000) <u>FEAS</u>
Estimated Federal Cost	\$ 2,257
Estimated Non-Federal Cost	2,157
Cash	(2,157)
Other	( 0)
Total Estimated Cost	\$ 4,414
Allocation thru 2005	\$ 2,082
Allocation for FY 2006	175
FY 2007 Work Plan	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Completion of the Comprehensive Plan for the Restoration of the Illinois River Basin and HQ USACE approval in April 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL DISTRICT: LaHood (IL-18), Hastert (IL-14), Shimkus (IL-19), Hare (IL-17), Manzullo (IL-16), Johnson (IL-15), Biggert (IL-13), Weller (IL-11), Kirk (IL-10), Schakowsky (IL 9), Bean (IL-8), Davis (IL-7), Hyde (IL-6), Emanuel (IL-5), Gutierrez (IL-4), Lipinski (IL-3), Jackson (IL-2), Rush (IL-1); Sen: Durbin & Obama (IL)

DISTRICT: Rock Island

Date: 16 April 2007

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FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Marsh Lake, MN (Minnesota River Basin)

AUTHORIZATION: HR, 10 May 62

LOCATION: Marsh Lake Dam is part of the Lac qui Parle Flood Control Project on the Minnesota River near Appleton, Minnesota.

DESCRIPTION: The study would evaluate measures to restore over 5,000 acres of degraded wetland habitat in Marsh Lake and reconnect Lac qui Parle to more than 750 miles of streams in the Pomme de Terre watershed. These measures would greatly improve habitat conditions for fish and migrating waterfowl.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	Study 420
Estimated Non-Federal Cost	420
Cash	(300)
Other	(120)
Total Estimated Cost	840
Allocation thru FY 2005	\$ 0
Allocation for FY 2006	0
FY 2007 Work Plan	125
Balance to Complete after FY 2007	295
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Initiate feasibility study. Initial activities will include environmental and hydrologic analyses needed to assess the without-project condition, determine problems and planning objectives, and propose potential measures to meet the objectives.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: The existing Marsh Lake Dam is part of the Corps-owned and operated Lac qui Parle Flood Control Project.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Petersen (MN-7); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Minnehaha Creek Watershed, MN (Upper Mississippi River, Lake Itasca to L/D 2, MN)

AUTHORIZATION: HR, Docket 2597, 15 Apr 99

LOCATION: Hennepin County, Minnesota

DESCRIPTION: The feasibility study will include the development of a Comprehensive Watershed Management Plan to assist in identifying project areas with a Federal and local interest.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	\$ 2,190
Estimated Non-Federal Cost	2,190
Cash	(0)
Other	(2,190)
Total Estimated Cost	\$ 4,380
Allocations thru FY 2005	\$ 560
Allocation for FY 2006	74
FY 2007 Work Plan	300
Balance to Complete after FY 2007	1,256
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete hydraulic analysis, begin initial array of alternatives and complete some necessary data collection.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Ramstad (MN-3) and Ellison (MN-5); Sen: Coleman and Klobuchar (MN)

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Minnesota River Basin, MN and SD

AUTHORIZATION: HR, 10 May 62

LOCATION: The Minnesota River originates at the Minnesota-South Dakota border, flows 335 miles and joins the Mississippi River at Minneapolis, Minnesota. The river drains 16,770 square miles in Minnesota, South Dakota, North Dakota and Iowa.

DESCRIPTION: This study will evaluate projects/methods to reduce flood damages, restore aquatic ecosystems, create wildlife habitat, reduce erosion and sediment, and improve water quality in the Minnesota River Basin and upper Mississippi River. Since settlement, the native prairie has been replaced by agriculture and urbanization with constructed drainage systems. Ninety percent of wetlands that existed pre-settlement have been drained. As a result, the Minnesota River experiences recurring floods and contributes substantial sediment and nutrient loads to the Mississippi River. The December 2004 reconnaissance report recommended one watershed study and two feasibility studies for ecosystem restoration projects. The watershed study would involve extensive interagency and local-State-Federal cooperation to develop a watershed management plan. The study would integrate the efforts of a wide range of agencies, leading to more cost-effective use of existing resources.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	Study \$ 3,559
Estimated Non-Federal Cost	3,200
Cash	(2,000)
Other	(1,200)
Total Estimated Cost	\$ 6,759
Allocation thru FY 2005	\$ 210
Allocation for FY 2006	99
FY 2007 Work Plan	35
Balance to Complete after FY 2007	3,215
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: FY 2006 and FY 2007 funds will be used to coordinate Project Management Plans (PMP) for the three recommended studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Recon – FY 2007; Feasibility – To Be Determined

OTHER INFORMATION: PMP development for Blue Earth River Feasibility study, Marsh Lake Feasibility study, and the Minnesota River Integrated Watershed study is included in this reconnaissance study.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Walz (MN-1), Kline (MN-2), Ramstad (MN-3), McCollum (MN-4), Ellison (MN-5), Peterson (MN-7); Herseth (SD-AL); Sen: Klobuchar and Coleman (MN); Thune and Johnson (SD).

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Peoria Riverfront Development, IL

AUTHORIZATION: HR Docket 2500, May 9, 1996.

LOCATION: Illinois River between Henry and Naples, Illinois, with specific focus on Peoria Lake from Illinois River Mile 181.0 to 158.0 and tributaries draining into Peoria Lake.

DESCRIPTION: The State of Illinois, Department of Natural Resources, is the sponsor for this project. The feasibility study phase was completed in 2003, and the Preconstruction, Engineering, and Design (PED) Phase was initiated in Jan 2004 following receipt of state funding. The principal goal is to improve depth diversity, thus enhancing aquatic habitat in Peoria Lake with ancillary recreational benefits. The recommended plan includes dredging approximately 200 acres within Lower Peoria Lake to create deepwater habitats and constructing three islands with a total area of 75 acres. In September 2004, approval was given to construct the Upper Island (55 acres of dredging and a 21-acre island) as a Critical Restoration Project under the Illinois River Basin Restoration Authority (Sec 519, WRDA 2000). Separate authorization is still needed for the lower islands based on costs exceeding the Section 519 limits.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000) <u>PED</u>
Estimated Federal Cost	\$ 1,215
Estimated Non-Federal Cost	405
Cash	(405)
Other	( 0)
Total Estimated Cost	\$ 1,620
Allocation thru 2005	\$ 290
Allocation for FY 2006	99
FY 2007 Work Plan	125
Balance to Complete after FY 2007	701
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Develop and execute a design agreement for the Lower Islands.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: A PCA was executed on April 25, 2006 for Construction of the Upper Island under the Illinois River Basin Restoration, IL (Sec 519) program using CG funds.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: LaHood (IL -18); Senators Durbin and Obama (IL).

DISTRICT: Rock Island

Date: 16 April 2007

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Spring Bayou, LA

AUTHORIZATION: Resolution of the House Committee on Transportation and Infrastructure adopted 24 March 1998.

LOCATION: The study area includes the Spring Bayou, Area in Avoyelles Parish, LA, and adjacent parishes that impact the area.

DESCRIPTION: The Spring Bayou Area is comprised of several U.S. Fish and Wildlife Service refuges and state wildlife management areas, along with adjacent lands that have traditionally been recognized as one of the most significant fish and wildlife and wetland ecosystems in the South. Over time, these environmental features have deteriorated. Reconnaissance study findings indicated that proposed improvements would provide positive environmental benefits and also help to reduce headwater flooding.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$2,124
Estimated Non-Federal Cost	1,172
Cash	(1,000)
Other	(172)
Total Estimated Cost	3,296
Allocations thru FY 05	952
Allocation for FY 06	445
FY 2007 Work Plan	100
Balance to Complete after FY 07	627
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue feasibility phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: A financing plan was prepared by the local sponsor for the non-Federal share of the study cost. The financing plan includes cash and work-in-kind. The Feasibility Cost-Sharing Agreement with the non-Federal sponsor, the Avoyelles Parish Police Jury, was signed 15 June 2006.

ADMINISTRATION POSITION: Support; however, not included in the President's budget due to funding constraints.

CONGRESSIONAL INTEREST: House: Alexander (LA-5); Senate: Vitter and Landrieu (LA).

DISTRICT: Vicksburg

DATE: 11 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: St. Croix River Basin, MN & WI

AUTHORIZATION: HR, Docket 2705, 25 Sep 02

LOCATION: The St. Croix River Basin is in eastern Minnesota and western Wisconsin, and joins the Mississippi River near Prescott, Wisconsin.

DESCRIPTION: This study will focus primarily on water resource and environmental protection problems and opportunities in the tributary watersheds and the mainstem of the St. Croix River. Urban development in the watershed is becoming an increased concern in the basin, and watershed planning would likely be an important study recommendation. This study will establish the Federal interest in proceeding with projects that reduce flood damages, create and protect wildlife habitat, control nuisance species, reduce erosion and sediment, and maintain or improve water quality. Other water resource and recreation opportunities will also be considered.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 3,450
Estimated Non-Federal Cost	3,250
Cash	(1,625)
Other	(1,625)
Total Estimated Cost	\$ 6,700
Allocation thru FY 2005	\$ 80
Allocation for FY 2006	119
FY 2007 Work Plan	50
Balance to Complete after FY 2007	3,201
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete 905(b) report, and, if further study is recommended, seek development of one or two PMPs and Feasibility Cost Share Agreements.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: This study will complement the outputs from other Federal, State and local initiatives and will be a cooperative effort with local watershed boards, state resource agencies, non-governmental organizations and other Federal agencies, including the NRCS and USFWS. Potential sponsors may include watershed management organizations, counties, municipalities, or state agencies.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: House: Bachmann (MN-6); Kind (WI-3); Obey (WI-7); Sen: Klobuchar and Coleman (MN); Feingold and Kohl (WI).

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: St. Croix River Relocation of Endangered Mussels, MN & WI (Zebra Mussel Control, Upper Mississippi River)

AUTHORIZATION: Section 216 of the River and Harbor and Flood Control Act of 1970 and Section 105(a)(2) of the Water Resources Development Act of 1986.

LOCATION: St. Croix and Upper Mississippi Rivers.

DESCRIPTION: This feasibility study is consistent with recommendations in the approved Section 905(b) Reconnaissance Report, which recommended a \$2.1 million feasibility study at full Federal expense to investigate zebra mussel control measures throughout the entire Upper Mississippi and Illinois waterways, including the St. Croix River. As stated in the final Biological Opinion for the operation and maintenance of the Federal 9-Foot Navigation Channel Project on the Upper Mississippi River, the study is required in order to comply with Section 7(a)(2) of the 1973 Endangered Species Act (ESA).

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 2,210
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 2,210
Allocation thru FY 2005	\$ 0
Allocation for FY 2006	248
FY 2007 Work Plan	222
Balance to Complete after FY 2007	\$1,740
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete risk assessment model to evaluate the most likely pathway for further zebra mussel invasion, a timeline, estimated long-term population characteristics, sensitive areas, & ecological consequences. The risk assessment model will be used to focus the development and evaluation of potential management actions.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Initiation of zebra mussel control measures is extremely time sensitive. Alternatives to be studied will include such things as managing habitat to control zebra mussels, closing portions of the St. Croix and/or Upper Mississippi River System, cleaning/coating technologies, and barriers to prevent transport of zebra mussels. The study will also identify what actions are necessary to conserve endangered mussels. There is also a need to determine triggers and criteria for relocation and/or artificial propagation of winged mapleleaf.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Walz (MN-1); Kline (MN-2); Bachmann (MN-6); Baldwin (WI-2); Kind (WI-3); Obey (WI-7); Braley (IA-1); Sen: Feingold and Kohl (WI); Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 16 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

STUDY NAME: St. Louis Riverfront, MO & IL

AUTHORIZATION: HR, Docket 2642, 21 June 2000.

LOCATION: The study area is comprised of approximately 3,011 square miles located in St. Louis city, St. Louis County, and Jefferson County in Missouri and St. Clair, Madison, and Monroe Counties in Illinois.

DESCRIPTION: The reconnaissance study addressed flood damage reduction, aquatic habitat restoration, and harbor safety issues. The reconnaissance study recommended proceeding with the St. Louis North Riverfront feasibility study, and a potential feasibility study for the Meramec River, pending completion of a reconnaissance report addendum. The primary focus of the feasibility studies will address ecosystem restoration along the St. Louis North Riverfront area, on the Meramec River, and the River des Peres.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	\$ 1,400
Estimated Non-Federal Cost	900
Cash	(900)
Other	(0)
Total Estimated Cost	\$ 2,300
Allocation thru FY 2005	490
Allocation for FY 2006	74
FY 2007 Work Plan	65
Balance to Complete after FY 2007	771
Benefit to Cost Ratio Applicable Rate (N/A)	N/A
Benefit to Cost Ratio (7%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Continue the feasibility study for the St. Louis North Riverfront, focusing on evaluation of existing conditions. Prepare an addendum to the reconnaissance report to address ecosystem restoration opportunities along the River des Peres.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: An addendum to the reconnaissance report must be completed for the Meramec River Ecosystem Restoration proposal prior to proceeding with the feasibility study. Effort on the addendum is on hold pending information from the sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Clay (MO-01), Carnahan (MO-03), Costello (IL-12), and Shimkus (IL-19); Sen: Bond and McCaskill (MO), Durbin and Obama (IL)

DISTRICT: St. Louis

DATE: 14 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: White River Comprehensive Basin, Arkansas & Missouri

AUTHORIZATION: Section 202, WRDA 2000; Section 729, WRDA 1986

LOCATION: The White River Basin comprises approximately 28,000 square miles in northeastern Arkansas and southern Missouri.

DESCRIPTION: The purpose of the study is to develop a comprehensive watershed plan for the White River Basin that will serve as a the framework for environmentally sustainable development of water resources within the Basin. The problems and potential solutions are being examined in a comprehensive manner because of the interrelationships of the problems and potential solutions to all of the significant resources in the basin.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 4,460
Estimated Non-Federal Cost	4,300
Cash	(2,150)
Other	(2,150)
Total Estimated Cost	\$ 8,760
Allocation thru 2005	\$ 1,430
Allocation for FY 2006	792
FY 2007 Work Plan	700
Balance to Complete after FY 2007	1,538
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used inititate two studies: one that will analyze the ecological sustainability of water management processes in both the upper and lower basins and one that will focus on the impacts and potential benefits in terms of hydraulics and sedimentation in the Cache River and the Bayou DeView floodplains as a result of the removal of a channel blockage near Grubbs, Arkansas.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Cost-sharing sponsors are: AR Natural Resources Commission, AR Game and Fish Commission, AR Natural Heritage Commission, AR Waterways Commission, Missouri Department of Conservation, Missouri Department of Natural Resources, and The Nature Conservancy.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: House: Berry (AR-1), Snyder (AR-2), Ross (AR-4). Sen: Lincoln & Pryor (AR), Emerson (MO-8) & McCaskill (MO).

DISTRICT: Memphis

Date: 14 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure

**PROJECT/STUDY NAME:** DeSoto County Wastewater Treatment, Mississippi

**AUTHORIZATION:** Sec 219, WRDA 92; Sec 502, WRDA 99; Sec 108, CAA 01; Section 6006, Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Tsunami Relief, 2005; Section 123, FY 2006 Energy & Water Development Act.

**LOCATION:** DeSoto County is located in north Mississippi, just south of Memphis, TN.

**DESCRIPTION:** The county's rapid growth necessitates expansion of existing sewer systems and the development of new systems into one unified countywide system.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 55,000
Estimated Non-Federal Cost	80,000
Cash	(TBD)
Other	(TBD)
Total Estimated Cost	\$ 135,000
Allocation thru 2005	\$ 20,500
Allocation for FY 2006	19,800
FY 2007 Work Plan	0
Balance to Complete after FY 2007	14,700
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Activities include completing the closeout of five construction contracts that were administered by the Corps and review of plans and specifications for future work. The future work will be in the form of reimbursements to the sponsor. The sponsor plans to award a contract for the next item of work (a wastewater treatment facility) in September 2007 at an estimated cost of \$20.0 million.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** 2010

**OTHER INFORMATION:** The cost-sharing sponsor is DeSoto County Regional Utility Authority. Section 123 of Public Law 109-10 allows non-Federal sponsor to make contract awards, with the Corps providing reimbursements after projects costs are incurred and approved. Since Federal participation is limited to \$55 million, the non-Federal sponsor will be responsible for all costs above that amount.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy

**CONGRESSIONAL INTEREST:** House: Wicker (MS-1); Sen: Cochran and Lott (MS).

**DISTRICT:** Memphis District

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME: East St. Louis & Vicinity, Illinois

AUTHORIZATION: Section 204, FCA 65; Section 137, WRDA 76; E&WDAA 97; Section 310, WRDA 00.

LOCATION: The original project is located in Madison and St. Clair Counties, Illinois, along the east bank of the Mississippi River between river miles 175 and 195 above the mouth of the Ohio River.

DESCRIPTION: The project area includes approximately 55,000 acres of flood plain that is protected by a levee system along the Mississippi River, the Chain of Rocks Canal, the Prairie du Pont Canal, and the Cahokia Creek Diversion Channel and an additional 51,000 acres of upland area that drain into these bottomlands. The ecosystem restoration project will restore bottomland forest habitat (1,700 acres), flood plain prairie habitat (1,100 acres), marsh and shrub swamp habitat (840 acres), lake habitat (460 acres), and upland riparian forest (380 acres). It will also restore 10 miles of flood plain stream and 178 miles of tributary streams. Flood damage reduction is incidental to the restoration project with an estimated \$1,445,000 in reduced average annual flood damages.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 126,807
Estimated Non-Federal Cost	68,351
Cash	(33,801)
Other	(34,550)
Total Estimated Cost	\$ 195,158
Allocation thru FY 2005	3,076
Allocation for FY 2006	297
FY 2007 Work Plan	290
Balance to Complete after FY 2007	123,144
Benefit to Cost Ratio Applicable rate (N/A)	N/A
Benefit to Cost Ratio (7%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue preconstruction engineering and design including preparation of plans and specifications for a portion of the Judy's Branch pilot project. Pending authorization, execute a Project Cooperation Agreement in the 4th quarter.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: In September 2006, the Assistant Secretary of the Army for Civil Works (ASA(CW)) requested that the General Reevaluation Report (GRR) be revised and resubmitted. The GRR is pending ASA(CW) and OMB review and approval and subsequent transmittal to Congress. Based on change in project outputs and cost, congressional authorization is required for construction.

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: House: Costello (IL-12); Sen: Durbin and Obama (IL).

DISTRICT: St. Louis

DATE: 14 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure

PROJECT/STUDY NAME: Livingston Parish, LA

AUTHORIZATION: PL 102-580, Sec 219, WRDA 92; PL 106-53, Sec 502, WRDA 99 and PI-106-554, Sec 108, CCA of 2001

LOCATION: \_The project is located in southwest Louisiana in Livingston Parish.

DESCRIPTION: The project is to provide aid to Livingston Parish in the developing and protecting the environmental infrastructure of the Livingston Parish water supply, storage, treatment and distribution facilities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
		<u>Construction</u>
Estimated Federal Cost		\$ 6,700
Estimated Non-Federal Cost		2,200
Cash	\$ 2,200	
Other	0	
Total Estimated Cost		\$ 8,900
Allocation thru 2005		\$ 838
Allocation for FY 2006		371
FY 2007 Work Plan		40
Balance to Complete after FY 2007		5,451
Benefit to Cost Ratio Applicable rate (____%)	N/A	
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Costs Ratio at 7%	N/A	

FY 2007 ACTIVITIES: Funds would be used to award an AE contract, and continue to assist the local sponsor and the ongoing planning and rehabilitation efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Being Determined

OTHER INFORMATION: None

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Sens Landrieu and Vitter (LA); Baker (LA-6)

DISTRICT: New Orleans

Date: 14 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lower St. Anthony Falls Rapids Restoration, Mississippi River, Minnesota

AUTHORIZATION: Section 527, WRDA 2000

LOCATION: St. Anthony Falls is on the Mississippi River in the city of Minneapolis, Hennepin County, Minnesota.

DESCRIPTION: Project will include development of a whitewater rapids channel and trail/park on the east bank of the Mississippi River, adjacent to the U.S. Army Corps of Engineers Lower St. Anthony Falls Lock and Dam. The facility would utilize the vertical drop created by the dam and include a new river channel approximately 2,000 feet long and 40 feet wide, with a vertical drop of 25 feet. The project would be multipurpose with environmental and recreational features.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 10,000
Estimated Non-Federal Cost	16,507
Cash	(12,000)
Other	(4,507)
Total Estimated Cost	\$ 26,507
Allocations thru FY 2005	\$ 890
Allocation for FY 2006	20
FY 2007 Work Plan	1,953
Balance to Complete after FY 2007	7,137
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Funds are being used to continue pre-construction engineering and design (PED) activities, including validation of the Minnesota Department of Natural Resources report, project definition and environmental compliance.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: The project's historic site is the birthplace of Minneapolis and the milling industry. A principal objective is to provide the opportunity to upgrade, restore and protect a significant segment of the Mississippi River within a previous industrial corridor.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Ellison (MN-5); Sen: Klobuchar and Coleman (MN).

DISTRICT: St. Paul

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure

PROJECT/STUDY NAME: Mississippi (Section 592)

AUTHORIZATION: Sec 592, WRDA 99; Sec 120, E&WDAA 2004; Sec 101, CAA 2005.

LOCATION: The Mississippi (Section 592) project provides environmental infrastructure assistance to communities throughout the State of Mississippi.

DESCRIPTION: Project includes project design and construction assistance for wastewater treatment and related facilities, combined sewer overflows, water supply and storage and related facilities, environmental restoration, and surface water resource protection and development.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 100,000
Estimated Non-Federal Cost	33,333
Cash	(0)
Other	(33,333)
Total Estimated Cost	\$ 133,333
Allocation thru FY 2005	\$ 14,840
Allocation for FY 2006	24,750
FY 2007 Work Plan	2,121
Balance to Complete after FY 2007	58,289
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue construction of ongoing projects.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Update of water/sewer systems and development of potable water is important for public health and welfare. The amount authorized to be appropriated pursuant to Section 592 currently is \$100,000,000 and is the maximum Federal participation unless modified by later law. Available program funds will be reallocated among project elements as necessary to support ongoing design and construction. Should the maximum Federal participation be attained or appropriated funds be exhausted program-wide, each non-Federal sponsor has the option of either suspending work on its project pending receipt of additional Federal authority and/or Federal funds or, for PCAs executed to date, terminating the PCA with the Federal Government and continuing work on its project without Federal participation.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Wicker (MS-1), Thompson (MS-2), Pickering (MS-3), Taylor (MS-4); Sen: Lott and Cochran (MS).

DISTRICT: Vicksburg District

DATE: 14 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION, GENERAL - CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Emiquon Floodplain Restoration (Emiquon Preserve), IL

AUTHORIZATION: Section 206 of WRDA 1986, as amended.

LOCATION: Havana, IL

DESCRIPTION: The Thompson Lake Drainage and Levee District (TLD&LD) is located immediately north of Havana, IL, and approximately 40 miles south of Peoria, IL. The TLD&LD is part of a larger Emiquon complex. Since 1996, The Nature Conservancy (TNC) has acquired approximately 7,100 acres in the Emiquon Area, approximately 5,400 acres of which are located within the TLD&LD. This project focuses on the restoration of the Flag Lake and adjacent wetlands within TLD&LD. The goal is to restore, to the extent practical, quality functional floodplain habitat and ecological processes that will sustain plant and animal communities that were native to the Illinois River Valley. Approximately 2,600 acres of floodplain habitat will be restored as a result of this project. Potential project features include: a water control/fish passage structure on the downstream end of the project, construction of pump stations, an inlet structure from Sister Creek on the northern edge of the project, a separation berm to allow for water management, an emergency spillway at the southern end, and repairs to the levee separating the project from the Illinois River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>FEAS</u>
Estimated Federal Cost	\$ 940
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 940
Allocation thru 2005	\$ 20
Allocation for FY 2006	310
FY 2007 Work Plan	50
Balance to Complete after FY 2007	560
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue the feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: September 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Support. Consistent with Administration policy.

CONGRESSIONAL INTEREST: Hare (IL-17); Senators Durbin and Obama (IL).

DISTRICT: Rock Island

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Kankakee River (State Line) Aquatic Restoration Project, IL

AUTHORIZATION: Section 206 of WRDA 1986, as amended.

LOCATION: Kankakee County, IL

DESCRIPTION: Floodplain reconnection to the Kankakee River through partial removal of a farm levee will restore much needed habitat for river and riverine species. Construction of a Sediment trap to improve degraded environment for fish and mussel habitat was eliminated from further consideration after modeling showed the lack of habitat benefits. Consultation with the Sponsors, Illinois Department of Natural Resources and the Kankakee River Conservancy District (KRCD), is ongoing prior to public release of the feasibility report.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>FEASIBILITY</u>
Estimated Federal Cost	\$ 1,019
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 1,019
Allocation thru 2005	\$ 885
Allocation for FY 2006	99
FY 2007 Work Plan	35
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete the feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility in Sep 2007.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Support. Consistent with Administration policy.

CONGRESSIONAL INTEREST: Weller (IL-11); Senators Durbin and Obama (IL)

DISTRICT: Rock Island

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lake Belle View Aquatic Ecosystem Restoration

AUTHORIZATION: Section 206 of WRDA 1986, as amended.

LOCATION: Lake Belle View is located on the Sugar River in the Village of Belleville, Dane County, Wisconsin approximately 20 miles southwest of Madison, Wisconsin.

DESCRIPTION: The Sugar River watershed is highly agricultural but experiencing urbanization. The river and lake have been effected by nutrient load and erosion caused by agriculture and development. Lake Belle View has the typical problems associated with aging artificial impoundments including sedimentation, turbidity, nutrient load and lack of diversity. The Sugar River supports both warm and cold-water fisheries, with several miles of cold-water fisheries upstream of the lake. Opportunities for restoration exist in the dredging of sediment from the lake, separating the lake and river channel and enhancing wetlands adjacent to the lake and Sugar River. The proposed project would restore over 40 acres of warm water fishery within the lake, enhance existing wetlands and create approximately 15 acres of wetlands. Through separation of the lake and river channel, fish passage would be unimpeded in this section of the Sugar River. Modifications would also improve the water quality and habitat on at least 10 miles of the river.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	Feasibility and Design and Implementation
Estimated Federal Cost	\$ 4,171
Estimated Non-Federal Cost	2,246
Cash	0
Other	0
Total Estimated Cost	\$ 6,417
Allocation thru 2005	\$ 953
Allocation for FY 2006	31
FY 2007 Work Plan	75
Balance to Complete after FY 2007	3,112
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue the Design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction complete Sep 2010

OTHER INFORMATION: None

ADMINISTRATION POSITION: Support – low budget priority.

CONGRESSIONAL INTEREST: Baldwin (WI-2); Senators Feingold and Kohl (WI).

DISTRICT: Rock Island

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lower Cache River Basin Restoration, AR

AUTHORIZATION: Section 1135(b) of WRDA 1986.

LOCATION: The project is located in Monroe County, Arkansas.

DESCRIPTION: The project would restore flows to at least six meanders cut off by flood control work constructed during the 1970's increasing fish and wildlife habitat within the area designated by the Ramsar Convention as "Wetlands of International Importance".

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)	
	<u>Feasibility</u>	
Estimated Federal Cost	\$	750
Estimated Non-Federal Cost		0
Cash		(0)
Other		(0)
Total Estimated Project Cost	\$	750
Allocations thru FY 2005	\$	4
Allocation for FY 2006		100
FY 2007 Work Plan		275
Balance to Complete After FY 2007	\$	371
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

FY 2007 ACTIVITIES: Funds are being used to continue the feasibility phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008, subject to availability of funds.

OTHER INFORMATION: Ducks Unlimited and Arkansas Game and Fish Commission are the project sponsors.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Berry (AR-1). Senate: Lincoln and Pryor (AR).

DISTRICT: Memphis

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lower Obion River and Vicinity, TN

AUTHORIZATION: Section 1135(b) of WRDA 1986.

LOCATION: The study area is approximately 8 miles west of Dyersburg, TN and 1 mile east of the Mississippi River and consists of five tracts of land, grouped into four management units, proposed for fish and wildlife habitat restoration along the Obion River in Dyer County, TN. The sites are located between Tennessee Highway 103 on the north, the Mississippi River levee on the west, and the Obion River on the east and the south.

DESCRIPTION: The project consists of the development of 1,335 acres of moist soil management, 781 acres of bottom hardwood restoration, and 148 acres of warm season grasses, for a total of 2,265 acres of restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000) Feasibility and Design & Construction
Estimated Federal Cost	\$ 3,591
Estimated Non-Federal Cost	1,197
Cash	(0)
Other	(1,197)
Total Estimated Project Cost	\$ 4,788
Allocations thru FY 2005	\$ 212
Allocation for FY 2006	115
FY 2007 Work Plan	3,264
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Funds will be used to fully fund design and construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: The project sponsor is Tennessee Wildlife Resource Agency

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: House: Tanner (TN-8). Senate: Alexander & Corker (TN).

DISTRICT: Memphis

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Quincy Bay Ecosystem Restoration, IL

AUTHORIZATION: Section 206 of WRDA 1986, as amended.

LOCATION: Quincy Bay is located in Adams County, IL along the Illinois side of the Upper Mississippi River, Pool 21 and extends north from river mile 327.

DESCRIPTION: Sediment deposition in Quincy Bay since the 1930's has resulted in the need for selective dredging to maintain water depth and associated aquatic habitat for river-related recreation. Periodic maintenance dredging of the lower and middle Bay, as authorized by the River and Harbor Act of 1962, is primarily conducted within the Quincy Bay and Quincy Marina to maintain boat access. The proposed project would incorporate measures to reduce the sedimentation rate, deepen the bay backwaters, reduce the potential for winter fish kills, and provide habitat diversity. Thus, reducing the sedimentation of Quincy Bay and restoring deeper backwater areas would greatly benefit the local aquatic ecosystem and incidentally provide economic benefits due to the increased recreational opportunities associated with ecosystem restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>FEAS</u>
Estimated Federal Cost	\$700
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$700
Allocation thru 2005	\$ 0
Allocation for FY 2006	0
FY 2007 Work Plan	20
Balance to Complete after FY 2007	680
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue feasibility efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: September 2009

OTHER INFORMATION: None

ADMINISTRATION POSITION: Support. Consistent with administration policy.

CONGRESSIONAL INTEREST: Hare (IL-17); Senators Durbin and Obama (IL)

DISTRICT: Rock Island

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME: Shelbyville Wildlife Management Areas, Illinois (Section 1135)

AUTHORIZATION: House Document 232, 3 Jul 58; Sec 1135, WRDA 86.

LOCATION: Lake Shelbyville is located in Shelby and Moultrie Counties in east-central Illinois.

DESCRIPTION: The authorized project purposes include flood damage reduction, water supply, water quality control, fish and wildlife conservation, and recreation. Existing natural and man-made wetlands in the Shelbyville Fish and Wildlife Area in the upper reaches of the project have been seriously degraded by frequent flooding from downstream flood control operation of the Lake Shelbyville Dam. Possible project features include low-profile berms, pumping capabilities, ditching, overflow weirs, and water control structures.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA</u>	
	<u>Feasibility</u>
Estimated Federal Cost	629
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	629
Allocation thru FY 2005	615
Allocation for FY 2006	9
FY 2007 Work Plan	5
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (N/A)	N/A
Remaining Cost Ratio (7%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete the feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007 for feasibility.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy, low budget priority.

CONGRESSIONAL INTEREST: House: Johnson (IL-15); Sen: Durbin and Obama (IL).

DISTRICT: St. Louis District

DATE: 5 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL – CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental

PROJECT / STUDY NAME: University Lakes, East Baton Rouge Parish, Louisiana

AUTHORIZATION: Section 206, WRDA 96, as amended.

LOCATION: The project is located near the Louisiana State University (LSU) in the City of Baton Rouge on the East Bank of the Mississippi River.

DESCRIPTION: Community development and expansion in this area have resulted in limited freshwater inflow and circulation, eutrophication, and other factors that limit the performance and health of the aquatic ecosystem. The proposed ecosystem restoration project would enhance an estimated 300 acres of existing lakes in the Baton Rouge area. There is a high volume of users of the Lakes District. Sedimentation, collapsing drainage infrastructure, retreating bank edges (affecting road ways) lack of depth also effect the health and ecosystem in the Lakes District System.

<u>SUMMARIZED FINANCIAL DATA</u>		FY 2007 (000)
		<u>Feasibility</u>
Estimated Federal Cost		\$ 624
Estimated non-Federal Cost		0
Total Estimated Cost		\$ 624
Allocation thru FY 2005		\$124
Allocation for FY 2006		198
FY 2007 Work Plan		302
Balance to Complete After FY 2007		\$ 0
Benefit to Cost Ratio Applicable rate	N/A	
Benefit to Cost Ratio	N/A	
Remaining Benefits Remaining Costs Ratio	N/A	

FY 2007 ACTIVITES: Continue feasibility.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: The Mayor of Baton Rouge; LSU officials and the Recreation & Park commission of East Baton Rouge highly support this project. The proposed project is highly visible on the campus of LSU and widely used.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Senators Landrieu and Vitter; House: Baker LA-6, Melancon LA-3.

DISTRICT: New Orleans, LA

Date: 5 April 2007

# RECREATION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Recreation

STUDY NAME: West Baton Rouge Parish, LA

AUTHORIZATION: HR, Docket 2570, 23 Jul 98, and WRDA 99, Sec 517(5)

LOCATION: City of Port Allen, Louisiana in West Baton Rouge Parish

DESCRIPTION: The project is located in West Baton Rouge Parish, Louisiana with specific interest towards improvements along the Mississippi River Levee in the City of Port Allen. The improvements would provide for an array of recreational, interpretive and educational opportunities through the provision of multiuse areas, playing fields, pedestrian and bicycle paths, and other recreational type improvements.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Recon</u>
Estimated Federal Cost	\$ 607
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 607
Allocations thru FY 2005	533
Allocation for FY 2006	74
FY 2007 Work Plan	0
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue reconnaissance efforts to negotiate and execute a feasibility cost sharing agreement (FCSA) with the local sponsor, the City of Port Allen.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: The project justification is based on NED recreational benefits with a benefit cost ratio of approximately 2.3 to 1.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Melancon (LA-3), and Baker (LA-6) and Senators Landrieu and Vitter, LA.

DISTRICT: New Orleans

DATE: 18 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Recreation

PROJECT/STUDY NAME: Des Moines Recreational River and Greenbelt, IA

AUTHORIZATION: SAA 85, Chapter IV, 99 Stat. 312-313; Sec 203, FCA 58; Sec 111, WRDA 76.

LOCATION: The authorized project is for development, operations, and maintenance of a recreational and greenbelt area ranging from Fort Dodge, Iowa to 50 miles southeast of Des Moines, Iowa, along the Des Moines & Raccoon Rivers. The project boundary includes Saylorville Reservoir and Lake Red Rock, as well as portions of the cities of Des Moines, Fort Dodge, Webster City, Boone, West Des Moines, Knoxville, and Pella.

DESCRIPTION: The Des Moines Recreational River and Greenbelt (Greenbelt) is being implemented in coordination with an Advisory Committee consisting of 47 local, state, and Federal officials. Since the project was authorized for construction in 1985, 14 projects have been completed. Five projects in three locations have been identified by the Advisory Committee as priority projects for implementation: Fort Dodge Riverfront and Trails, Des Moines Riverwalk, Des Moines Downtown Amphitheater Modifications, Cordova Center at Lake Red Rock, and Red Rock Trail 4B. Work on these projects has been underway since 2003.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007(\$000)</u> <u>Construction</u>
Estimated Federal Cost	\$53,740
Estimated Non-Federal Cost	43,660
Cash	(33,660)
Other	(10,000)
Total Estimated Cost	\$97,400
Allocations thru FY 2005	\$18,866
Allocation for FY 2006	4,950
FY 2007 Work Plan	1,190
Balance to Complete after FY 2007	28,734
Benefit to Cost Ratio Applicable rate ( %)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue coordination with the Greenbelt Advisory Committee; complete engineering reports, develop plans and specifications, and execute Project Cooperation Agreement (PCA) for the Des Moines Riverwalk; Complete draft engineering report for Fort Dodge Riverfront Development and Trails; complete planning and start engineering report for Cordova Center at Lake Red Rock; complete construction of Des Moines Amphitheater ADA Modifications; and continue construction of Red Rock Trail Segment 4B.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: The Greenbelt projects at Des Moines and Fort Dodge require a 50% local cost share. The Cordova Center and Trail Segment 4B at Lake Red Rock are being implemented at Federal expense since they are located on Federal lands. Following execution of cost sharing agreements, planning, design and construction work performed by the sponsor, or others on behalf of the sponsor, may be credited up to \$10 million towards the sponsor's share of the cost of Greenbelt projects in accordance with the Consolidated Development Appropriations Resolution, 2003. A benefit-cost analysis is prepared for each recreation project. The information is not yet available.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Boswell (IA-3), Latham (IA-4); Sen: Grassley & Harkin (IA).

DISTRICT: Rock Island District

DATE: 11 Apr 2007



# WATER SUPPLY

# INVESTIGATIONS

FACT SHEET  
FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Bayou Meto Basin, Arkansas

AUTHORIZATION: Authorized by Section 363 of WRDA 1996, subject to a favorable determination by the Secretary of the Army.

LOCATION: This project is located in Lonoke, Prairie, Pulaski, Jefferson, and Arkansas Counties in east-central Arkansas.

DESCRIPTION: Project features include diversion of excess water from the Arkansas River for delivery through a system of pump stations, new canals, existing streams, and pipelines to water-depleted agricultural areas; channel improvements, control structures, and another pumping station that will provide a means to reduce flooding and improve water management in the lower portion of the basin. The project also includes waterfowl conservation/management measures and other ecosystem restoration and enhancement features.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 22,212
Estimated Non-Federal Cost	550
Cash	(550)
Other	(0)
Total Estimated Cost	\$ 22,762
Allocation thru FY 2005	\$ 16,488
Allocation for FY 2006	1,624
FY 2007 Work Plan	1,400
Balance to Complete after FY 2007	2,700
Benefit to Cost Ratio Applicable Rate (5.125%)	1.5
Benefit to Cost Ratio at 7%	1.15
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Current year funds are being used to complete the general reevaluation report and the environmental impact statement; initiate plans and specifications for the first item of work and begin negotiation of a Project Cooperation Agreement (PCA). The final report requires approval by the Assistant Secretary of the Army (Civil Works).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008, pending availability of funds.

OTHER INFORMATION: Authorization for construction is contingent on a determination by the Assistant Secretary of the Army (Civil Works) that the project is technically sound, environmentally acceptable and economically feasible. This determination is expected in 2007 and it will pave the way for a construction new start in 2008, pending availability of funds. The cost-sharing sponsors are the Arkansas Natural Resource Commission and the Bayou Meto Water Management District.

ADMINISTRATION POSITION: Inconsistent with administration policy.

CONGRESSIONAL INTEREST: House: Berry (AR-1), Ross (AR-4). Senate: Lincoln and Pryor (AR).

DISTRICT: Memphis

Date: 11 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Cross Lake, LA, Water Supply Improvements

AUTHORIZATION: HR, Docket 2648, 26 July 2000.

LOCATION: Cross Lake is located northwest of Shreveport, LA.

DESCRIPTION: Cross Lake has served as a municipal and industrial (M&I) water supply source for the city of Shreveport since the 1920s. The lake is about 14 square miles in surface area. The watershed draining into the lake consists of about 260 square miles. The holding capacity of the already shallow lake (8.5 feet) is decreasing due to siltation, contributing to increasing difficulty in managing it as a water supply source. The feasibility study will evaluate options including additional pumping capacity on Cross Lake at lower elevations as well as new pumping stations and water treatment facilities on the Red River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	1,190
Estimated Non-Federal Cost	1,000
Cash	(452)
Other	(548)
Total Estimated Cost	2,191
Allocations thru FY 2005	224
Allocation for FY 2006	99
FY 2007 Work Plan	99
Balance to Complete after FY 2007	768
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue feasibility phase. The FCSA was executed in August 2006.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Recently developed data suggest that the siltation rate of the lake ranges from 0.33 inch to almost 1 inch per year. As the holding capacity of the lake decreases and the city population continues to grow, the lake becomes more difficult to manage as a municipal and industrial (M&I) water supply reservoir. Also, access to the lake by neighboring homeowners becomes increasingly difficult as the shallow areas near the shore recede due to siltation.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Senate: Vitter and Landrieu (LA); House: McCrery (LA-04).

DISTRICT: Vicksburg

DATE: 14 April 2007

# CONSTRUCTION

FACT SHEET  
 FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CONSTRUCTION  
 Enacted Studies and Projects

**BUSINESS PROGRAM:** Water Supply

**PROJECT/STUDY NAME:** Grand Prairie Region, Arkansas

**AUTHORIZATION:** Sec 204, FCA 1950 (construction authorized); Sec 1001(b), WRDA 1986 (deauthorized); Sec 363, WRDA 1996 (reauthorized construction, expanding the scope to include groundwater protection and conservation, agricultural water supply, and waterfowl management, if the Secretary determines the project is technically sound, environmentally acceptable, and economic).

**LOCATION:** The project is primarily located in Arkansas and Prairie Counties and a small portion of Lonoke and Monroe Counties.

**DESCRIPTION:** This project will provide for agricultural water supply, ground water protection, and fish and wildlife restoration and enhancement. The Alluvial aquifer is predicted to be depleted by the year 2015 and the deeper Sparta aquifer will also be negatively impacted without the benefits of this project. In addition to protecting the Sparta & Alluvial aquifers, the project will also provide an added environmental benefit of 12 million duck-use days for the project area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 208,000
Estimated Non-Federal Cost	111,000
Cash	(61,336)
Other	(49,664)
Total Estimated Cost	\$ 319,000
Allocation thru 2005	\$ 54,017
Allocation for FY 2006	8,910
FY 2007 Work Plan	7,300
Balance to Complete after FY 2007	137,773
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Funds are being used to terminate the contract for the pumping station for the convenience of the Government. However, the pumps and motors will be fabricated under the terms of the termination agreement. Current year funds will also be used to complete the biological assessment for the Ivory Billed Woodpecker.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** 2013

**OTHER INFORMATION:** The sponsors are the State of Arkansas and the White River Regional Irrigation Water Distribution District. The contract awarded for construction of the pumping station is being terminated per HQUSACE guidance because the contractor refused to agree to amend the construction contract to remove the Continuing Contract Clause in accordance with PL 109-103. Since funding in the amount necessary to fully fund the contract was not available, Termination for the Convenience of the Government was required.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy.

**CONGRESSIONAL INTEREST:** House: Berry (AR-1) and Ross (AR-4). Sen: Lincoln and Pryor (AR).

**DISTRICT:** Memphis

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT NAME: Madison and St. Clair Counties, Illinois

AUTHORIZATION: Section 219(f)(55), WRDA 92 as amended by Section 108(d)(55), CAA 01.

LOCATION: The project authority covers communities in Madison and St. Clair Counties, Illinois including East St. Louis, Belleville, Glen Carbon, Maryville, and Collinsville.

DESCRIPTION: The project consists of separating out combined sanitary and storm water sewers to improve water quality and reduce sewer backups into homes and replacing undersized and broken sanitary sewer lines.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 10,000
Estimated Non-Federal Cost	3,300
Cash	(3,300)
Other	(0)
Total Estimated Cost	\$ 13,300
Allocation thru FY 2005	2,737
Allocation for FY 2006	742
FY 2007 Work Plan	897
Balance to Complete after FY 2007	5,624
Benefit to Cost Ratio Applicable rate (N/A)	N/A
Benefit to Cost Ratio (7%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to continue construction on the combined sewer overflow project for the City of Belleville, Illinois. A Project Cooperation Agreement (PCA) for future work in Eagle Park Acres in Madison County, Illinois, could be finalized. A PCA for the Maryville project will be initiated.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: Madison County is requesting design assistance for the Maryville project, which involves the design of a sewer system for the municipalities of Maryville, Glen Carbon, and Collinsville Township. The new design would be environmentally compliant as well as provide for more effective sewage treatment and the elimination of septic systems.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Costello (IL-12) and Shimkus (IL-19); Sen: Durbin and Obama (IL).

DISTRICT: St. Louis District

DATE: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/ STUDY NAME: Mille Lacs Regional Sewage Treatment Plant, MN (Garrison and Kathio Township)

AUTHORIZATION: Section 219, WRDA 1992; Section 108 (d) (61), CAA 2001

LOCATION: The City of Garrison and Kathio Township are located on the western shore of Mille Lacs Lake, Crow Wing and Mille Lacs Counties, Minnesota.

DESCRIPTION: Section 219 of the Water Resources Development Act of 1992, as amended by Section 108(d)(61) of the Consolidated Appropriations Act of 2001 authorized \$11,000,000 for a wastewater infrastructure project for the City of Garrison and Kathio Township, Minnesota. The proposed project involves construction of a regional sewage collector system in Mille Lacs County that would service the Mille Lacs Band of Ojibwe and the surrounding localities. The collection system would replace the area's patchwork of unreliable septic tanks.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 11,000
Estimated Non-Federal Cost	3,666
Cash	(3,656)
Other	(10)
Total Estimated Cost	\$ 14,666
Allocations thru FY 2005	\$ 207
Allocation for FY 2006	1,114
FY 2007 Work Plan	3,394
Balance to Complete after FY 2007	6,285
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: A construction agreement was signed on 14 Dec 06 between the Corps of Engineers and the Garrison, Kathio, West Mille Lacs Lake (GKWMLL) Sanitary District. A construction contract for the base contract and options will be advertised in the third quarter of FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Mille Lacs Lake is one of the largest lakes in Minnesota. The Mille Lacs Band of Ojibwe's Grand Casino is located on the lake's southwestern shoreline. The Band and adjacent public entities have worked together to design and construct a shared Regional Wastewater Treatment Plant (WWTP). The Garrison, Kathio, West Mille Lacs Lake Sanitary District is constructing a wastewater collection system which will connect to the Band's WWTP. Section 219 of the Water Resources Development Act of 1992, as amended, provides the Corps of Engineers the authority to assist with this project.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Oberstar (MN-8); Sen: Klobuchar and Coleman (MN)

DISTRICT: St. Paul

Date: 11 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Northeastern Minnesota, MN

AUTHORIZATION: Section 569, WRDA 1999.

LOCATION: The area considered for assistance includes the Minnesota counties of Cook, Lake, St. Louis, Koochiching, Itasca, Cass, Crow Wing, Aitkin, Carlton, Pine, Kanabec, Mille Lacs, Morrison, Benton, Sherburne, Isanti, and Chisago.

DESCRIPTION: Section 569 provides the Corps of Engineers the authority to assist public entities in the 17-county area with water-related infrastructure projects. Work under Section 569 may be in the form of design and construction assistance for water-related environmental infrastructure and resource protection and development projects in northeastern Minnesota, including projects for wastewater treatment and related facilities, water supply and related facilities, environmental restoration, and surface water resource protection and development.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 40,000
Estimated Non-Federal Cost	13,333
Cash	(varies by project)
Other	(varies by project)
Total Estimated Cost	\$ 53,333
Allocations thru FY 2005	\$ 7,830
Allocation for FY 2006	3,712
FY 2007 Work Plan	1,125
Balance to Complete after FY 2007	27,333
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Detroit District anticipates signing Project Cooperation Agreements (PCA) with Duluth and Grand Portage Indian Reservation. St. Paul District anticipates signing a PCA with Orr and Cass Lake. Construction is continuing on several projects in both districts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Oberstar (MN-8); Sen: Klobuchar and Coleman (MN).

DISTRICT: St. Paul / Detroit

Date: 11 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Northern Wisconsin Environmental Assistance, WI

AUTHORIZATION: Section 154, CAA of 2001; Section 119, CAA 2005

LOCATION: The Northern Wisconsin Environmental Infrastructure Assistance area includes the counties of Ashland, Bayfield, Douglas, and Iron. The program area includes a significant area of the shoreline of Lake Superior and the Upper Mississippi River watersheds.

DESCRIPTION: The program provides assistance to northern Wisconsin public entities in the "form of design and reconstruction assistance for water-related environmental infrastructure and resource protection and development projects in northern Wisconsin, including projects for navigation and inland harbor improvement and expansion, wastewater treatment and related facilities, water supply and related facilities, environmental restoration, and surface water resource protection and development."

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 40,000
Estimated Non-Federal Cost	13,333
Cash	(varies by project)
Other	(varies by project)
Total Estimated Cost	\$ 53,333
Allocations thru FY 2005	\$ 8,972
Allocation for FY 2006	7,866
FY 2007 Work Plan	8,421
Balance to Complete after FY 2007	14,741
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Detroit District anticipates signing Project Cooperation Agreements (PCA) with Ashland, Washburn, La Point, Parkland, Hurley, and the city of Superior. Construction is continuing on several projects in both Detroit and St. Paul Districts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: To be determined.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: House: Obey (WI-7); Sen: Feingold and Kohl (WI).

DISTRICT: St. Paul/ Detroit

Date: 11 April 2007

NORTH ATLANTIC DIVISION  
ENACTED FACT SHEETS FY2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION



# INVESTIGATIONS

FACT SHEET  
GENERAL INVESTIGATION

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Bronx River Basin, New York

AUTHORIZATION: U.S. House of Representatives Committee on Transportation & Infrastructure Resolution adopted 24 March 1998, Docket #2551

LOCATION: The Bronx River basin study area occupies 56.4 square miles in central and lower Westchester County, and Bronx County of the City of New York.

DESCRIPTION: Local communities throughout the Bronx River Basin have suffered flooding and significant environmental degradation. The reconnaissance study, certified in January 2000, recommended further study of flood damage protection and environmental restoration opportunities at 18 sites along the river.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$2,250
Estimated Non-Federal Cost	2,250
Total Estimated Cost	4,500
Allocation Through FY 2004	150
Allocation for FY 2005	119
Allocation for FY 2006	392
Allocation for FY 2007	150
Balance to complete after FY 2007	1,439

FY 2007 ACTIVITIES: FY07 funds are being used to continue the feasibility phase, including existing conditions, engineering modeling, environmental sampling, programmatic assessment of the watershed, and coordination with non-Federal interests.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration has determined that this ecosystem restoration project is consistent with established policies.

CONGRESSIONAL INTEREST: Representatives Joseph Crowley (NY-7), Jose Serrano (NY-16), and Nita Lowey (NY-18)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Lower Saddle River, NJ

AUTHORIZATION: Section 401 of the Water Resources Development Act of 1986.

LOCATION: The project is located on the Lower Saddle River, in Lodi, Rochelle Park, Wallington, Saddle Brook, Garfield, and Paramus, New Jersey.

DESCRIPTION: The area has suffered frequent and severe flooding and was devastated in September 1999 from Tropical Storm Floyd. The authorized project consists of channel improvements along 5.2 miles of the Saddle River and 1.7 miles of Sprout Brook. The project also includes the replacement or alteration of 12 bridges.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000) <u>PED (LRR)</u>
Estimated Federal Cost	\$1,500
Estimated Non-Federal Cost	\$500
Total Estimated Cost	\$2,000
Allocation Through FY 2004	\$83
Allocation for FY 2005	\$40
Allocation for FY 2006	\$124
Allocation for FY 2007	\$250
Balance to complete after FY 2007	\$1,003

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the limited reevaluation of the project including the update of the economic, environmental, and engineering studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: The design agreement was executed in Feb 05 with NJDEP as the non federal sponsor. The NJDEP in support of the project, require local interests to replace or make compatible 4 of the 12 bridges modifications that are included in the project.

RELATIONSHIP TO ADMINISTRATION POLICY: The Administration would support this PED effort based on high budgetary priority flood damage reduction benefits. The Administration's position is that these projects should be suspended until the construction backlog is reduced and funds become available to continue to budget for them.

CONGRESSIONAL INTEREST: Representatives Steven Rothman (NJ-9), and Scott Garrett (NJ-5); Senators Robert Menendez (NJ) and Frank Lautenberg (NJ).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood Control and Shoreline Erosion Control

**PROJECT/STUDY NAME:** Manasquan Inlet to Barnegat Inlet, NJ

**AUTHORIZATION:** House Resolution, December 10, 1987; Senate Resolution, December 15, 1987.

**LOCATION:** Manasquan Inlet to Barnegat Inlet, NJ project is located along the Atlantic coast of New Jersey in Ocean County, some 20 miles south of Asbury Park, New Jersey.

**DESCRIPTION:** The recommended plan calls for construction of a beachfill with a berm and dune along the study area oceanfront utilizing sand from an offshore borrow source and periodic nourishment for a period of 50 years. Initial fill requirements would be about 10 million cubic yards, with periodic nourishment at 4-year intervals with about 1 million cubic yards placed.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>PED</u></b>
Estimated Federal Cost	\$ 825,000
Estimated Non-Federal Cost	\$ 275,000
Total Estimated Cost:	\$1,100,000
Allocation thru FY 2004	\$ 215,500
Allocation for FY 2005	\$ 534,500
Allocation for FY 2006	\$ 104,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs	N/A

1/ Excess funds (\$29,000) will be reprogrammed at PED completion.

**FY 2007 ACTIVITIES:** Carryover fund will be used to complete Air Quality Studies and PED effort.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** PED was completed was completed in September 2007.

**OTHER INFORMATION:** Authorization is pending.

**ADMINISTRATION POSITION:** Within administration policy.

**CONGRESSIONAL INTEREST:** Rep. Smith, NJ-04, Rep. Frelinghuysen (NJ-11), Rep. Saxton (NJ-03), Sen. Lautenberg (NJ) and Sen. Menendez (NJ)

**DISTRICT:** Philadelphia

**Date:** March 30, 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** New Jersey Shoreline, Alternative Long-Term Nourishment Study, New Jersey

**AUTHORIZATION:** House Resolution by the Committee on Public Works and Transportation dated December 10, 1987 for the New Jersey Shoreline.

**LOCATION:** The study area encompasses 127 miles of Atlantic Coast of New Jersey from Sandy Hook to Cape May.

**DESCRIPTION:** The feasibility study will evaluate Regional Sediment Management methods to manage New Jersey's coastal projects on a regional basis to ensure maximum benefits are achieved from the Federal investment and reduce long-term periodic nourishment costs. The study will assess the development of a regional sediment budget; develop and improve understanding of the regional coastal processes; implement an efficient regional monitoring program; and develop a comprehensive beach, inlet, and borrow area management strategy.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>RECON</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$50,000	\$2,012,000
Estimated Non-Federal Cost	\$ 0	\$2,012,000
Total Estimated Cost:	\$50,000	\$4,024,000
Allocation thru FY 2004	\$ 0	\$ 296,272
Allocation for FY 2005	\$ 0	\$ 203,000
Allocation for FY 2006	\$ 0	\$ 111,000
Allocation for FY 2007	\$ 0	\$ 200,000
Balance to Complete After FY 2007	\$ 0	\$1,201,728
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs		N/A

**FY 2007 ACTIVITIES:** Activities include continuing the development of the regional sediment budget, assessing sediment resources, and identifying specific Regional Sediment Management project opportunities.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Completion is to be determined; due to budget constraints funding not known at this time.

**OTHER INFORMATION:** The non-Federal sponsor is the New Jersey Department of Environmental Protection. Feasibility Cost Sharing Agreement was executed in 30 December 2002.

**ADMINISTRATION POSITION:** The Administration does not support completion of this Feasibility study. This study is an investment in alternate measures for periodic nourishment of project, with hurricane protection and storm damage reduction benefits.

**CONGRESSIONAL INTEREST:** Sen. Lautenberg, Sen. Menendez (NJ), Rep. LoBiondo, NJ-02, Rep. Pallone, NJ-06, Rep. Smith, NJ-04 and Rep. Saxton, NJ-03

**DISTRICT:** Philadelphia

**Date:** March 30, 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: North Shore Long Island, Asharoken, NY

AUTHORIZATION: Resolution of the Committee on Public Works and Transportation, U.S. House of Representatives, adopted 13 May 1993.

LOCATION: The study area is located on the North Shore of Long Island, in the Town of Huntington in northeastern Suffolk County, New York.

DESCRIPTION: Asharoken Beach connects Eaton's Neck and part of the Village of Asharoken with the rest of the Village of Asharoken on the mainland of Long Island. The roadway along Asharoken Beach, Asharoken Avenue, provides the only vehicular access to Eaton's neck. Recent coastal storms have accelerated shoreline erosion and inundated highly developed areas. Asharoken has incurred major losses due to coastal erosion and flooding.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	1,069
Estimated Non-Federal Cost	1,069
Total Estimated Cost	2,138
Allocation Through FY 2004	788
Allocation for FY 2005	151
Allocation for FY 2006	30
Allocation for FY 2007	100
Balance to complete after FY 2007	0

FY 2007 ACTIVITIES: FY07 funds are being used to complete the Draft Feasibility Report by September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration has determined that this project is consistent with established policies and may be supported in the budget.

CONGRESSIONAL INTEREST: Representative Steve Israel (NY-02)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Passaic River, Harrison, NJ

AUTHORIZATION: Section 101a(18)(B) of the WRDA of 1990 as modified by Section 102(p) of WRDA 1992.

LOCATION: This project is a separable element of the Mainstem Passaic River Flood Protection Project. It lies along the east bank of the Passaic River in the City of Harrison.

DESCRIPTION: The project consists of levees and floodwalls providing 500-year level of protection to about 200 commercial and residential structures in Harrison New Jersey.

	FY 2007(\$000)
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>PED</u>
Estimated Federal Cost	\$2,000
Estimated Non-Federal Cost	0
Total Estimated Cost	2,000
Allocation Through FY 2004	1,159*
Allocation for FY 2005	367
Allocation for FY 2006	149
Allocation for FY 2007	105
Balance to complete after FY 2007	220

\*Includes \$300,000 of Passaic River Mainstem PED Funds.

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue pre-construction engineering and design, including completion of an updated decision document.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: The New Jersey Department of Environmental Protection strongly supports the project and is willing to act as the cost-sharing partner.

ADMINISTRATION POSITION: The Administration supports this flood damage reduction study as it provides high priority flood protection benefits.

CONGRESSIONAL INTEREST: Representative Albio Sires (NJ-13); Senators Menendez (NJ) and Lautenberg (NJ).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Rahway River Basin, NJ

AUTHORIZATION: Resolution adopted by the U.S. House of Representatives Committee on Public Works and Transportation on 24 March 1998.

LOCATION: The Rahway River Basin is located in northeastern New Jersey within the metropolitan area of New Jersey counties of Essex, Union, and Middlesex.

DESCRIPTION: A reconnaissance study recommended further study of flood damage reduction improvements and environmental restoration along the South Branch and Robinson's Branch of the Rahway River and within the town of Cranford.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$3,200
Estimated Non-Federal Cost	\$3,200
Total Estimated Project Cost	\$6,400
Allocation Through FY 2004	450
Allocation for FY 2005	49
Allocation for FY 2006	79
Allocation for FY 2007	30
Balance to complete after FY 2007	\$2,592

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility study, including economic, hydraulic, and environmental analyses to establish baseline conditions.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this project since it provides high budgetary priority flood damage reduction and ecosystem restoration benefits.

CONGRESSIONAL INTEREST: Representatives Frelinghuysen (NJ-11), Mike Ferguson (NJ-7), Donald Payne (NJ-10)

DISTRICT: CENAN

Date: 2 April 2007



FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Raritan and Sandy Hook Bay, Highlands, NJ

AUTHORIZATION: Resolution adopted by the U.S. House of Representatives Committee on Public Works and Transportation on August 1, 1990.

LOCATION: The Highlands study area is in Monmouth County, New Jersey.

DESCRIPTION: It is situated with the Shrewsbury River to the east and Atlantic Highlands to the west and bounded by Raritan Bay to the north. The feasibility study will determine the viability of Federal participation in storm damage protection.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000) <u>Feasibility</u>
Estimated Federal Cost	\$1,750
Estimated Non-Federal Cost	1,750
Total Estimated Cost	3,500
Allocation Through FY 2004	608
Allocation for FY 2005	159
Allocation for FY 2006	99
Allocation for FY 2007	150
Balance to complete after FY 2007	734

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility phase of the study, including additional data gathering and analyses, screening of alternatives, plan formulation and environmental scoping efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: The New Jersey Department of Environmental Protection is the cost-sharing partner for this study.

ADMINISTRATION POSITION: The Administration has determined that this shore protection project is consistent with established policies.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr. (NJ-06)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Raritan and Sandy Hook Bay, Keyport, NJ

AUTHORIZATION: Resolution adopted by the U.S. House of Representatives Committee on Public Works and Transportation on August 1, 1990.

LOCATION: The study area covers 1.4 square miles of the Borough of Keyport, in the northwestern portion of Monmouth County, and is situated along the coast of Raritan Bay.

DESCRIPTION: It is bordered by Chingarora Creek to the east, Matawan Creek to the west and Raritan Township to the south. The feasibility study would seek to determine the viability of Federal participation in storm damage protection.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$1,625
Estimated Non-Federal Cost	1,625
Total Estimated Cost	3,250
Allocation Through FY 2004	608
Allocation for FY 2005	159
Allocation for FY 2006	99
Allocation for FY 2007	100
Balance to complete after FY 2007	659

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility phase of the study, including additional data gathering and analyses, screening of alternatives, plan formulation and environmental scoping efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: The New Jersey Department of Environmental Protection is the cost-sharing partner for this study.

ADMINISTRATION POSITION: The Administration has determined that this shore protection project is consistent with established policies.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr. (NJ-06)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Raritan and Sandy Hook Bay, Leonardo, NJ

AUTHORIZATION: Resolution adopted by the House of Representatives Committee on Public Works and Transportation on August 1, 1990.

LOCATION: The Leonardo study area is located in the northeastern portion of Middletown Township in Monmouth County, New Jersey.

DESCRIPTION: Low-lying residential and commercial structures in the area experience flooding caused by coastal storm inundation. The feasibility study will determine the viability of Federal participation in flood and storm damage reduction.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)	
	<u>FEASIBILITY</u>	
Estimated Federal Cost	1,375	
Estimated Non-Federal Cost:	1,375	
Total Estimated Cost	2,750	
Allocation Through FY 2004	1,114	
Allocation for FY 2005	162	
Allocation for FY 2006	99	
Allocation for FY 2007		0
Balance to complete after FY 2007	0	

FY 2007 ACTIVITIES: Prior year funds are being used to complete the draft feasibility report by June 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration has determined that this shore protection project is consistent with established policies and may be supported in the budget for continuation of feasibility efforts.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr.(NJ-06)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Raritan Bay and Sandy Hook Bay, Union Beach, New Jersey

AUTHORIZATION: Resolution adopted by the House of Representatives Committee on Public Works and Transportation on August 1, 1990.

LOCATION: The study area is located in the northern portion of Monmouth County, New Jersey. It occupies about a 1.8 square mile area of land along the coast of Raritan Bay.

DESCRIPTION: The proposed plan provides for protection against beach erosion, tidal inundation, and wave attack along the shoreline as well as against tidal flooding from the bay and the tidal creeks.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>PED</u>
Estimated Federal Cost	\$4,000
Estimated Non-Federal Cost:	1,330
Total Estimated Cost	5,330
Allocation Thru 2004	0
Allocation for FY 2005	0
Allocation for FY 2006	31
Allocation for FY 2007	0
Balance to complete after FY 2007	3,969

FY 2007 ACTIVITIES: Prior year funds are being used to execute a Design Agreement and initiate the preconstruction, engineering and design (PED) phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration support this effort based on high priority flood damage prevention outputs.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr. (NJ-06)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Shrewsbury River Basin and Tributaries, NJ

AUTHORIZATION: Resolution of the Committee on Transportation and Infrastructure of the House of Representatives, adopted 7 May 1997.

LOCATION AND The study area includes the Townships of Sea Bright and Monmouth Beach in Monmouth County, New Jersey.

DESCRIPTION: Frequent flooding occurs along the Shrewsbury River and its tributaries. Flooding is due to storm surges caused by hurricanes and northeasters that produce high tides, which back up normal river flow. Environmental restoration opportunities also exist within the river basin.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	1,800
Estimated Non-Federal Cost	1,800
Total Estimated Cost	3,600
Allocation Through FY 2004	555
Allocation for FY 2005	79
Allocation for FY 2006	87
Allocation for FY 2007	70
Balance to complete after FY 2007	1,009

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility study, including economic, hydraulic, and environmental analyses and plan formulation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support advancement of this project because it provides high budgetary priority flood damage reduction benefits.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr. (NJ-06)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: South River, Raritan River Basin, NJ (Flood damage reduction and ecosystem restoration in South River, Middlesex County)

AUTHORIZATION: U.S. House of Representatives Committee on Public Works and Transportation Resolution dated 13 May 1993.

LOCATION: The flood damage reduction and ecosystem restoration study area is located within the lower Raritan River Basin in Middlesex County, New Jersey.

DESCRIPTION: The South River is the first major tributary of the Raritan River, located about 8.3 miles upstream of the Raritan Bay. The South River is tidally controlled from its mouth upstream to Duhernal Lake Dam. The March '93 Nor'easter, which is regarded as the worst on record, caused evacuations of more than 200 people from their homes and business. If the same flood were to occur today, it would cause about \$10 million in damages.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>PED</u>
Estimated Federal Cost	\$3,000
Estimated Non-Federal Cost:	1,000
Total Estimated Cost	4,000
Allocation Through FY 2004	69
Allocation for FY 2005	119
Allocation for FY 2006	139
Allocation for FY 2007	250
Balance to complete after FY 2007	2,423

FY 2007 ACTIVITIES: FY 07 funds are being used to continue the Pre-construction Engineering and Design (PED) phase, including hydraulic modeling and surveying activities.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: Several sites for ecosystem restoration have been selected, including a 350-acre island along the Washington Canal and South River. The estimated project cost is \$103,268,200, with an estimated Federal cost of \$67,124,300. The average annual benefits for the flood damage reduction project amount to \$9,161,400, all for flood damage reduction. The benefit-cost-ratio is approximately 2.2 to 1.

ADMINISTRATION POSITION: The Administration supports this flood damage reduction and ecosystem restoration project.

CONGRESSIONAL INTEREST: Representatives Frank Pallone, Jr. (NJ-06) and Rush Holt (NJ-12)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Upper Rockaway River, NJ

AUTHORIZATION: U. S. House of Representatives Resolution Docket 2519, dated May 7, 1997

LOCATION: The project area is located along the Rockaway River in Morris County, New Jersey.

DESCRIPTION: Approximately 1,000 structures in the basin are located within the 100-year flood plain of the study area and experience frequent damaging floods. The feasibility study involves the identification and analysis of an array of plans for flood damage reduction and ecosystem restoration. The NED plan is a combination of a diversion culvert, channel improvements, non-structural measures, and environmental restoration.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>PED</u>
Estimated Federal Cost	\$3,600
Estimated Non-Federal Cost	\$1,200
Total Estimated Cost	\$4,800
Allocation Through FY 2005	N/A
Allocation for FY 2006	\$62
Allocation for FY 2007	N/A
Balance to complete after FY 2007	N/A

FY 2007 ACTIVITIES: Prior year funds are being used to complete the study by June 2007 due to lack of sponsor support.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A Study is to be terminated.

OTHER INFORMATION: Based on discussions with non-federal sponsor, the study will be terminated due to environmental concerns, high costs for the plan , and since there is no clear consensus among the non-Federal sponsor and local interests to support alternatives that may be in the Federal interest including the NED plan.

ADMINISTRATION POSITION: The Administration supports this flood damage reduction and ecosystem restoration study.

CONGRESSIONAL INTEREST: Representative Frelinghuysen (NJ-11); Senators Menendez (NJ) and Lautenberg (NJ).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Vicinity of Willoughby Spit, Norfolk, Virginia

AUTHORIZATION: Section 501 of the Water Resources Development Act 1986 (PL 99-662), as amended

LOCATION: The project area is located in the City of Norfolk, Virginia, and consists of 7.3 miles of southern Chesapeake Bay extending from the tip of Willoughby Spit near the Hampton Roads Bridge-Tunnel to the Federal navigation project at Little Creek Inlet.

DESCRIPTION: The WRDA of 1986 authorized the project to include the construction and periodic nourishment of a 60-foot wide beach berm, at an elevation of 5.0 feet above mean low water, for the entire shoreline. With the assistance of the Commonwealth of Virginia, the City constructed a series of breakwaters along the Willoughby Spit-Ocean View shoreline in the late 1990's. State funding was discontinued before beach nourishment behind the breakwaters could be accomplished, leaving the project area with a reduced level of protection. In 2003, Hurricane Isabel destroyed the protective beach berm and nearly three quarters of the protective sand dune. Several dwellings were destroyed. The 7.3 miles of residential area sits virtually unprotected. Shoreline recession is a major problem in the easternmost portion of the shoreline. The City has recently requested a restart of the Preconstruction Engineering and Design (PED) investigations to include the conduct of a General Reevaluation study to determine continued Federal interest in the authorized project or a reformulated project.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY2007 PED
Estimated Federal Cost	\$ 1,564,000
Estimated Non-Federal Cost	\$ 521,000
Total Estimated Project Cost	\$ 2,085,000
Allocation thru FY 2004	\$ 100,000
Allocation for FY 2005	\$ 200,000
Allocation for FY 2006	\$ 198,000
Allocation for FY 2007	\$ 407,000
Balance to Complete after FY 2007	\$ 659,000
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Fiscal year 2007 funds are being used to continue the PED investigations, including coastal modeling and the initiation of plan formulation, NEPA field investigations, and borrow area investigations.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012.

OTHER INFORMATION: A Design Agreement was executed with the City of Norfolk, Virginia in May 2005.

ADMINISTRATION POSITION: The Administration supports this project based on high priority hurricane and storm damage reduction benefits, however accords this project a low budget priority due to the long-term financial commitment for 50-years of periodic beach nourishment.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representative Drake (VA-2).

DISTRICT: Norfolk District

Date: 5 April 2007



# CONSTRUCTION

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Atlantic Coast of Maryland Shoreline Protection, MD

AUTHORIZATION: WRDA 1986

LOCATION: Fenwick and Assateague Islands form the Atlantic Coast of Maryland and extend in a north-south direction from Delaware Bay to Chincoteague Inlet, Virginia. The project is located in Worcester County, Maryland.

DESCRIPTION: The project consists of widening and raising the beach from 4th Street in Ocean City, MD to the Maryland - Delaware line (about 8.2 miles) and a 0.3 mile transition into Delaware, construction of a steel sheetpile bulkhead from 4th street to the north end of the boardwalk at 28th Street (about 1.5 miles), construction of a sand dune from the north end of the boardwalk to the Maryland - Delaware line (about 6.7 miles plus a 0.3 mile transition into Delaware), and project operation and maintenance (non-Federal cost). The long-term features of the project include monitoring and renourishment (cost shared 53%/47%) over an economic life of 50 years. Maintenance of the dune and berm above +6 ft meters National Geodetic Vertical Datum (NGVD) is the financial responsibility of the non-Federal sponsor.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$270,300
Estimated Non-Federal Cost	229,700
Cash	229,166
Other	534
Total Estimated Project Cost	\$500,000
Allocation thru FY 04	38,533
Allocation for FY 05	404
Allocation for FY 06	4,800
Allocation for FY 07	0
Balance to Complete After FY 07	226,563
Benefit to Cost Ratio Applicable Rate (8-5/8%) - 1.3	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Cost Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 06 carryover funds are being used for beach renourishment and for annual monitoring activities including beach condition inspection, sled survey, shoreline survey, aerial photographs, wave data collection, sediment samples and technical analysis. Funds are also being used to complete the EIS for borrow areas.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, the project would be completed in September 2044.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration does not support this project.

CONGRESSIONAL INTEREST: Senators Cardin (MD) and Mikulski (MD), and Representatives Gilchrest (MD-01), Ruppertsberger (MD-02), Sarbanes (MD-03), Hoyer (MD-05), and Cummings (MD-07).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Barnegat Inlet to Little Egg Harbor Inlet, NJ

**AUTHORIZATION:** Section 101 (a) (1) of WRDA 2000

**LOCATION:** Long Beach Island, is located along the Atlantic coast of New Jersey approximately 14 miles north of Atlantic City.

**DESCRIPTION:** The selected plan consists of berm and dune restoration utilizing sand obtained from offshore borrow sources. Periodic nourishment is required every 7 years.

**SUMMARIZED FINANCIAL DATA:**

	<b><u>Construction</u></b> 1/
Estimated Federal Cost	\$115,000,000
Estimated Non-Federal Cost	\$ 93,000,000
Total Estimated Project Cost	\$208,000,000 2/
Allocation thru FY 2004	\$ 1,131,500
Allocation for FY 2005	\$ 331,000
Allocation for FY 2006	\$ 5,957,000
Allocation for FY 2007	\$ 2,500,000
Balance to Complete After FY 2007	\$105,080,500
Benefit to Cost Ratio Applicable Rate (6.875%)	
Benefit to Cost Ratio at 7%	1.8
Remaining Benefits Remaining Costs Ratio at 7%	1.9

1/ Amounts include PED costs.  
2/ Estimated initial construction costs are \$79,513,000; Federal \$51,162,000; non-Federal \$28,351,000.

**FY 2007 ACTIVITIES:** Funds are currently being used to complete an initial construction contract (Surf City) for initial beachfill.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funding completion date is unknown. 2062 is an estimated completion date based on receipt of initial construction funds. This is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** Total initial Federally estimated construction cost (\$51,162,000) is based on continual construction contracts, with a scope of 2 years. Due to budget constraints initial construction costs will be increased based on smaller lump sum contracts that need to be awarded due to these constraints.

**ADMINISTRATION POSITION:** The Administration supports initial construction on this project based on high priority hurricane and storm damage reduction benefits. The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. Saxton (NJ-3), Rep. Frelinghuysen (NJ-11), Sen. Lautenberg (NJ) & Sen. Menendez (NJ)

**DISTRICT:** Philadelphia

FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Brigantine Inlet to Great Egg Harbor Inlet  
(Brigantine Island), NJ

**AUTHORIZATION:** Section 101(b)(12) of WRDA 1999

**LOCATION:** The project is located in the City of Brigantine, along the Atlantic coast of New Jersey in Atlantic County about five miles north of Atlantic City.

**DESCRIPTION:** The project recommends a berm, end tapers, and a dune over the length of the project. The project includes dune grass plantings and sand fencing. Initial construction will place 648,000 cubic yards of sand on the beach. Subsequent periodic nourishment will require 312,000 cubic yards of sand every 6 years over the 50-year project life.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b>	
Estimated Federal Cost	\$46,500,000	1/ 2/
Estimated Non-Federal Cost	\$25,000,000	
Total Estimated Project Cost	\$71,500,000	
Allocation thru FY 2004	\$ 983,917	
Allocation for FY 2005	\$ 2,076,000	
Allocation for FY 2006	\$ 538,000	
Allocation for FY 2007	\$ 0	
Balance to Complete After FY 2007	\$42,902,083	
Benefit to Cost Ratio Applicable Rate (7.125%)		
Benefit to Cost Ratio at 7%	1.2	
Remaining Benefits Remaining Costs Ratio at 7%	2.0	

1/ Amounts include PED Costs.  
2/ Estimated initial construction costs 5,376,000; \$3,598,000 Federal; \$1,778,000 non-Federal.

**FY 2007 ACTIVITIES:** Carryover funds in the amount of \$411,800 are being used for project monitoring.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The estimate completion date is 2055. This date is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** The non-Federal sponsor is the New Jersey Department of Environmental Protection. A PCA was executed on 10 September 2004

**ADMINISTRATION POSITION:** The Administration supports initial construction on this project based on high priority hurricane and storm damage reduction benefits; however, not included in the President's budget due to funding constraints. The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. LoBiondo (NJ-02), Rep. Frelinghuysen (NJ-11), Sen. Lautenberg (NJ) & Sen. Menendez (NJ)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL (Initial Construction)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Delaware Coast from Cape Henlopen to Fenwick Island, Bethany Beach to South Bethany, DE.

**AUTHORIZATION:** Title I, Section 101 (a) (15) of WRDA 1999

**LOCATION:** The Bethany Beach/South Bethany project area stretches for approximately 2 miles along the northern part of the Atlantic Ocean coast of Delaware in Sussex County, Delaware.

**DESCRIPTION:** The recommended project consists of providing 3.5 million cubic yards initial beachfill, with subsequent nourishment of 480,000 cubic yards every three years. The recommended plan consists of a sand fill beach and dune project, in two independent discontinuous segments, for both Bethany Beach and South Bethany.

**SUMMARIZED FINANCIAL DATA:**

	<u>Construction</u> 1/
Estimated Federal Cost	\$ 148,700,000
Estimated Non-Federal Cost	\$ 80,100,000
Total Estimated Project Cost	\$ 228,800,000 2/
Allocation thru FY 2004	\$ 547,903
Allocation thru FY 2005	\$ 178,000
Allocation thru FY 2006	\$ 2,756,000
Allocation for FY 2007	\$ 14,400,000
Balance to Complete after FY 2007	\$ 130,818,097
Benefit to Cost Ratio Applicable Rate (7.125%)	
Benefit to Cost Ratio at 7%	1.6
Remaining Benefits Remaining Costs Ratio 7%	1.7

1/ Amounts include PED costs.

2/ Initial Construction \$28,386,000; Federal \$18,450,000; NF \$9,936,000

**FY 2007 ACTIVITIES:** Funds are being used to complete initial construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The estimate completion date is 2059. This date is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** The non-Federal sponsor is the Delaware Department of Natural Resources and Environmental Control. A PCA was executed on 26 July 2006.

**ADMINISTRATION POSITION:** The Administration supports initial construction on this project based on high priority hurricane and storm damage reduction benefits. The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. Castle (DE-AL), Sen. Carper (DE) and Sen. Biden (DE).

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

Fact Sheet  
Construction General  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Delaware Coast from Cape Henlopen to Fenwick Island, Fenwick Island, DE

**AUTHORIZATION:** Section 101 (b)(11) of WRDA 2000

**LOCATION:** Fenwick Island is located in Sussex County, Delaware, along the Atlantic coastline just north of the Delaware-Maryland state border and Fenwick Island State Park borders it to the north.

**DESCRIPTION:** The recommended plan provides for a berm and dune, with a crest over the total project length (6,500 feet). The recommended plan would also include dune grass, dune fencing, and suitable beachfill with periodic beach nourishment to ensure the integrity of design. The recommended plan requires 595,400 cubic yards of initial beachfill and subsequent periodic nourishment of 320,000 cubic yards every four years.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b> 1/
Estimated Federal Cost	\$ 60,100,000
Estimated Non-Federal Cost	\$ 58,300,000
Total Estimated Project Cost	\$ 118,400,000 2/
Allocation thru FY 2004	\$ 641,000
Allocation for FY 2005	\$ 1,621,000
Allocation for FY 2006	\$ 1,863,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 55,975,000
Benefit to Cost Ratio Applicable Rate (6.625%)	
Benefit to Cost Ratio at 7%	2.0
Rem Ben Rem Costs Ratio at 7%	2.3

1/ Amounts include PED costs.

2/ Initial construction \$5,486,600; Federal \$3,540,000; NF \$1,946,600

**FY 2007 ACTIVITIES:** Carryover funds (\$277,000) are being used to close out initial construction and monitor the project area.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The estimate completion date is 2055. This date is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** The sponsor is the Delaware Department of Natural Resources and Environmental Control. A PCA was executed on 13 Sep 2004.

**ADMINISTRATION POSITION:** The Administration supports initial construction on this project based on high priority hurricane and storm damage reduction benefits; however, not included in the President's budget due to funding constraints. The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. Castle (DE-AL), Sens. Carper and Biden (DE).

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Delaware Coast Protection, DE

**AUTHORIZATION:** Flood Control Act of 1968 and the Water Resources Development Act of 1986 (P.L. 99-662)

**LOCATION:** The project is located in Sussex County, Delaware, on the Atlantic Ocean at Indian River Inlet.

**DESCRIPTION:** The plan of improvement consists of constructing a sand bypassing plant and operation of said plant for periodic nourishment of a feeder beach (approximately 100,000 cubic yards of sand, annually) to nourish approximately 3,500 feet of feeder beach on the north side of the inlet and protect the Delaware Route 1 highway. The nourishment consists of reimbursing the State of Delaware for the Federal share of the annual operation and maintenance costs of the sand bypass plant. Initial construction was completed in 1990.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b> 1/
Estimated Federal Cost	\$13,500,000
Estimated Non-Federal Cost	\$15,800,000
<b>Total Estimated Project Cost</b>	<b>\$29,300,000</b>
Allocation thru FY 2004	\$ 6,368,953
Allocation for FY 2005	\$ 140,000
Allocation for FY 2006	\$ 317,000
Allocation for FY 2007	\$ 180,000
Balance to Complete After FY 2007	\$ 6,494,047
Benefit to Cost Ratio Applicable Rate (3.25%)	
Benefit to Cost Ratio at 7%	20.3
Remaining Benefits Remaining Costs Ratio 7%	21.9

1/ Amounts incl PED costs.

**FY 2007 ACTIVITIES:** Funds are being used to reimburse the State of Delaware for the Federal share of the annual operation and maintenance cost of the sand bypass plant.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The estimate completion date is 2028. This date is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** The project was not budgeted in FY 2007 because the navigation mitigation component of periodic nourishment is zero. The non-Federal sponsor is the Delaware Department of Natural Resources and Environmental Control. An LCA was executed on 26 Oct 1988.

**ADMINISTRATION POSITION:** The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. Castle (DE-AL), Sen. Carper (DE) & Sen. Biden (DE).

**DISTRICT:** PHILADELPHIA

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction - Coastal

PROJECT/ STUDY NAME: Fox Point Hurricane Barrier, RI.

AUTHORIZATION: Section 352 of the Water Resources Development Act of 1999 and Section 333 of the Water Resources Development Act of 2000.

LOCATION: The Fox Point Hurricane Protection Barrier is located across the Providence River in Providence, Rhode Island, about one mile south of the downtown area.

DESCRIPTION: The barrier is a 700-foot long concrete structure, 25 feet high and contains a 214-foot long pumping station and three 40 foot by 40 foot tainter gates. The pumping station contains five 4,500 horsepower pumps. When closed, the gates prevent entry of tidal floodwaters into the city. Work to rehabilitate the project, consistent with the 1998 Condition Survey Report, is being performed by the City of Providence with 65 percent Federal reimbursement. The City has completed rehabilitation of the tainter gates and pumps. Remaining work includes miscellaneous pumping station repairs and replacement of the electro-mechanical control system for the pumps. The control system has been in service for close to forty years and due to its age repair parts are nearly impossible to obtain.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Major Rehab</u>
Estimated Federal Cost	3,425
Estimated Non-Federal Cost	1,845
Cash	(0)
Other	(1,845)
Total Estimated Project Cost	5,270
Allocations thru FY 2004	1,790
Allocation in FY 2005	15
Allocation in FY 2006	520
Allocation in FY 2007	1,100
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (2 5/8%)	3.0
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to reimburse the City for 65 percent of their costs to perform eligible work to complete repairs to the pumping station and to design and replace the electro-mechanical control system.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Rehabilitation work is scheduled to be completed in FY 2008.

OTHER INFORMATION: A Condition Survey Report was prepared in April 1998, with a supplement dated August 1998, to review the overall condition and operation of the barrier. Investigations found the barrier to be consistent with modern design criteria and local hydrologic conditions. Deficiencies identified during the investigation, consisting of pump and tainter gate rehabilitation and miscellaneous pumping station repairs, were the result of deferred maintenance by the non-Federal project sponsor. A Project Cooperation Agreement was executed on 8 April 2002 between the Corps and the City of Providence, Rhode Island to cost share rehabilitation work.

ADMINISTRATION POSITION: The Administration would not support this project since the maintenance of the barrier is the responsibility of the City of Providence.

CONGRESSIONAL INTEREST: Senators Reed (RI) and Whitehouse (RI)

DISTRICT: New England District.

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Great Egg Harbor Inlet to Peck Beach, NJ

**AUTHORIZATION:** Committee Resolutions on 15 December 1970 under the provision of Section 201 of the River and Harbor and Flood Control Act of 1965 and the Water Resources Development Act of 1986

**LOCATION:** The project is located in Cape May and Atlantic Counties, New Jersey. Peck Beach is occupied in its entirety by the City of Ocean City and extends from Great Egg Harbor Inlet southward to Corson Inlet. The ocean frontage is about 8 miles in length.

**DESCRIPTION:** The plan consists of providing initial beachfill, with subsequent periodic nourishment, with a minimum berm width of 100 feet at an elevation of +8.0 above mean low water. The beachfill extends from Surf Road southwest to 34th Street with a 1,000-foot taper south of 34th Street. This plan required the initial placement of approximately 6.2 million cubic yards of material completed in 1993 and subsequent periodic nourishment of approximately 1.1 million cubic yards every 3 years.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b> 1/
Estimated Federal Cost	\$298,500,000
Estimated Non-Federal Cost	\$172,500,000
Total Estimated Project Cost	\$471,000,000
Allocation thru FY 2004	\$ 43,987,000
Allocation for FY 2005	\$ 89,000
Allocation for FY 2006	\$ 424,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$254,000,000
Benefit to Cost Ratio Applicable Rate (8.625%)	
Benefit to Cost Ratio at 7%	5.1
Remaining Benefits Remaining Costs Ratio at 7%	6.9

1/ Amounts include PED costs.

**FY 2007 ACTIVITIES:** Carry over funds (\$238,159) are being used for project monitoring and to prepare for the 5<sup>th</sup> periodic nourishment cycle. The 5<sup>th</sup> periodic nourishment cycle was scheduled for FY 2007.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The estimate completion date is 2043. This date is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** Due to Administration policy on periodic nourishment for shore protection projects without a navigation mitigation component, this project was not budgeted. The non-Federal sponsor is the New Jersey Department of Environmental Protection. A LCA was executed on 18 Sep 1991.

**ADMINISTRATION POSITION:** The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. LoBiondo (NJ-02), Rep. Frelinghuysen (NJ-11), Sen. Lautenberg (NJ) & Sen. Menendez (NJ)

**DISTRICT:** Philadelphia

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Hackensack Meadowlands, New Jersey

AUTHORIZATION: Section 324 of WRDA 1992, as amended.

LOCATION: The Hackensack Meadowlands, located in Bergen and Hudson Counties, New Jersey is an integral part of the New York – New Jersey Harbor estuary.

DESCRIPTION: Approximately 8,450 acres of wetlands and waterbodies that remain in the Meadowlands make this the largest remaining brackish tidal wetland complex in the estuary. These areas are significant for concentrations of federal trust species including waterfowl, wading birds, shorebirds, raptors, anadromous fish, estuarine fish, and terrapins. Much of these areas are degraded due to physical disturbances, such as filling and alterations to natural hydrologic connections, point and non-point pollution, and extensive dominant monocultures.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000) <u>Construction</u>
Estimated Federal Cost	12,500
Estimated Non-Federal Cost:	6,500
Cash	6,500
Other	0
Total Estimated Study Cost	19,000
Allocation Through FY 2004	2,577
Allocation for FY 2005	308
Allocation for FY 2006	1,485
Allocation for FY 2007	233
Balance to Complete After FY 2007	7,897
Benefit to Cost Ratio Applicable Rate (N/A)	
Remaining Benefits Remaining Cost Ratio (N/A)	

FY 2007 ACTIVITIES: FY 2007 funds are being used to perform tasks, including collection of technical data related to sites identified by the NJMC for environmental improvement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project completion to be determined, subject to availability of funds.

OTHER INFORMATION: Since the subject authorization does not include federal Civil Works evaluation and approval processes, this item, while for the purposes of environmental restoration, which is an administration priority, is not budgeted. The subject authorization was funded in FY 1995, 2004 and 2005. The non-federal sponsor is the New Jersey Meadowlands Commission (formerly the Hackensack Meadowlands Development Commission). A Design Agreement with the NJMC was executed in March 2000 to perform the technical studies.

ADMINISTRATION POSITION: The Administration does not budget for this item.

CONGRESSIONAL INTEREST: Congressman Rothman (NJ-9)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
(CONSTRUCTION GENERAL)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction (Dam Safety)

PROJECT NAME: Jennings Randolph Lake Dam Safety Assurance Project, MD & WV

AUTHORIZATION: Sec. 1203 of WRDA 1986 (P.L. 99-662).

LOCATION: Jennings Randolph Lake is located on the North Branch Potomac River on the state line between Garrett County, Maryland, and Mineral County, West Virginia. The dam site is located approximately eight miles upstream from the confluence with Savage River at Bloomington, MD.

DESCRIPTION: The existing project, which was formerly known as Bloomington Lake, was completed in 1981. The dam is a rolled earth and rockfill structure with an impervious core rising 296 feet from the streambed and extending 2,130 feet across the valley. The dam includes a dike 900 feet long on the left (north) bank, and a spillway with tainter gates along the ridge between the dike and the dam. The project provides low flow augmentation, water quality control for acid mine drainage abatement, flood control, water supply for the metropolitan Washington, D.C. area, and recreation. With a full conservation pool, the lake, controlling a drainage area of 263 square miles, is about 5.5 miles long and has a surface area of 952 acres. In order to meet current dam safety criteria, a project modification will be undertaken to allow the project to adequately pass the probable maximum flood (a rare but potential event that is used as design criteria to ensure that a dam will not be overtopped). Based on the 2004 value engineering investigation, a supplemental roller-compacted concrete spillway in the saddle dike area has been identified as the recommended alternative.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	25,700
Estimated Non-Federal Cost	1,100
Total Estimated Cost	26,800
Allocation thru FY 04	410
Allocation for FY 05	568
Allocation for FY 06	392
Allocation for FY 07	10
Balance to Complete after FY 07	24,320
Benefit to Cost Ratio Applicable Rate (5-5/8%)	18.5
Benefit to Cost Ratio at 7%	14.3
Remaining Benefits Remaining Costs Ratio (7%)	15.0

FY 07 ACTIVITIES: FY 07 funds are being used to complete the reassessment of the fuse plug alternative.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, plans and specifications could be completed in September 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representatives Bartlett (MD-06), Mollohan (WV-01) and Senators Byrd and Rockefeller (WV) and Cardin and Mikulski (MD)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Joseph G. Minish Passaic River Waterfront Park and Historic Area, Newark, NJ.

AUTHORIZATION: Section 101a(18)(B) of the WRDA of 1990 as modified by Section 102(p) of WRDA 1992 and Section 301(b)(10) of WRDA 1996.

LOCATION: The project lies along the west bank of the Passaic River between Bridge and Brill Streets in the City of Newark.

DESCRIPTION: Phase I consists of the construction of 6,000 feet of new bulkhead, and 3,200 feet of restored riverbank and wetlands. Remaining phases of the project include a walkway and park facilities along the river. The non-Federal sponsor is the State of New Jersey Department of Environmental Protection.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000) <u>Construction</u>
Estimated Federal Cost	\$59,100
Estimated Non-Federal Cost	19,700
Total Estimated Cost	78,800
Allocation Through FY 2004	17,163
Allocation for FY 2005	(657)
Allocation for FY 2006	2,227
Allocation for FY 2007	3,000
Balance to Complete after FY 2007	37,367
Benefit to Cost Ratio Applicable Rate (2.1 @ 7.75%)	
Benefit to Cost Ratio (2.2 @ 7%)	
Remaining Benefits Remaining Cost Ratio (2 @ 7%)	

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete construction of Contract #4A (Phase I – Bulkhead).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project construction completion to be determined, subject to availability of funds.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration would assign this project a low budgetary priority, since project outputs consist of stream-bank protection and recreation benefits.

CONGRESSIONAL INTEREST: Representatives Donald Payne (NJ-10), Albio Sires (NJ-13) and Steven Rothman (NJ-9); Senators Menendez (NJ) and Lautenberg (NJ)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Lake Merriweather, Little Calfpasture (Goshen Dam), Virginia

**AUTHORIZATION:** Section 507(3), Water Resources Development Act of 1996

**LOCATION:** Lake Merriweather, a 425-acre impoundment created by a 38 foot high dam known as the Goshen Dam, is located in the western part of Virginia, 30 miles northwest of Lexington, Virginia.

**DESCRIPTION:** The Goshen Dam is an earthen structure with a reinforced concrete overflow spillway 158 feet wide equipped with a series of 10, 14' wide by 9.5' high crest control gates. The National Capital Area Council of the Boy Scouts of America owns the lake and dam and its purpose is to provide recreation and flood control. The dam's existing spillway capacity does not meet National Dam Safety Regulations and the spillway's crest gates susceptibility to damage during flood events raise serious concerns about possible dam overtopping or failure during a large flood event. A technical study recommending fixing (setting) the existing spillway crest at elevation 1369 and placing a roller compacted concrete armoring on the downstream face of the dam embankment was approved by HQUSACE in February 2000.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007
	<u>Construction</u>
Estimated Federal Cost	\$ 6,000,000
Estimated Non-Federal Cost	0
Total Estimated Project Cost	\$ 6,000,000
Allocation thru FY 2004	\$ 66,000
Allocation for FY 2005	\$ 77,000
Allocation for FY 2006	\$ 2,635,000
Allocation for FY 2007	0
Balance to Complete After FY 2007	\$ 3,222,000
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Rate at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Not funded.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008.

**OTHER INFORMATION:** Project costs are 100% Federal up to authorized amount of \$6,000,000. The non-Federal Sponsor is the Commonwealth of Virginia acting in behalf of the National Capital Area Council of the Boy Scouts of America, the dam's owner. Additional funding in the amount of \$2,700,000 needs to be restored or added to the project in order to initiate and complete construction.

**ADMINISTRATION POSITION:** Goshen Dam is a privately owned facility therefore this project is not supported by the administration.

**CONGRESSIONAL INTEREST:** Senators Warner (VA) and Webb (VA). Representatives Goodlatte (VA-6) and T. Davis (VA-11).

**DISTRICT:** Norfolk District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Atlantic Coast of Long Island, Long Beach Island, New York

AUTHORIZATION: Section 101(a) of the Water Resources Development Act of 1996.

LOCATION: The project area consists of seven miles of shoreline along the south shore of Long Island from Jones Inlet to East Rockaway Inlet.

DESCRIPTION: The project would provide storm damage protection to communities along this barrier island by constructing a protective beach berm backed by a dune system, constructing four new groins, and rehabilitating sixteen existing groins. The project also includes periodic beach nourishment on a five-year cycle for a period of 50 years following initial construction.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Construction</u>
Estimated Federal Cost	\$120,900
Estimated Non-Federal Cost	65,100
Cash	64,157
Other	943
Total Estimated Cost	186,000
Allocation Through FY 2004	2,203
Allocation for FY 2005	183
Allocation for FY 2006	148
Allocation for FY 2007	350
Balance to Complete after FY 2007	118,016
Benefit to Cost Ratio Applicable Rate (1.9 @ 7.625%)	
Benefit to Cost Ratio (2.5 @ 7%)	
Remaining Benefits Remaining Cost Ratio (2.5 @ 7%)	

FY 2007 ACTIVITIES: FY 07 funds are being used to complete a Limited Reevaluation Report by September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of the first constructable element for this project could be attained by September 2007, which would complete the PED phase and allow for execution of a construction PCA, subject to availability of funds.

OTHER INFORMATION: The State has its share of initial construction funds available.

ADMINISTRATION POSITION: The Administration would support the initial construction of this project as it provides high priority flood damage prevention benefits. However, the Administration does not support periodic beach nourishment beyond the initial nourishment phase and views periodic beach nourishment as a non-Federal responsibility and accords periodic beach nourishment a low budgetary priority.

CONGRESSIONAL INTEREST: Representative Peter King (NY-03).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Molly Ann's Brook, NJ

**AUTHORIZATION:** WRDA of 1976, the Intermodal Surface Transportation Act of 1991, and Section 301(a)(8) of the WRDA of 1986, and WRDA of 1996.

**LOCATION:** The project area, which is approximately 12 miles northwest of New York City, is located in Haledon, Prospect Park and Paterson, New Jersey, along Molly Ann's Brook from the mouth below Totowa Avenue in Paterson upstream to Church Street in Haledon.

**DESCRIPTION:** The recommended plan is a modified channel with a total length of 2.5 miles. The channel includes both trapezoidal channel sections and walled sections. Five bridges were replaced and one building was removed. All work is programmed.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b>
Estimated Federal Cost	\$25,922,000
Estimated Non-Federal Cost	\$24,620,000
Total Estimated Project Cost	\$50,542,000
Allocation thru FY 2004	\$21,591,000
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 3,731,000
Allocation for FY 2007	\$ 600,000
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable Rate (8-3/4%)	
Benefit to Cost Ratio at 7%	1.13
Remaining Benefits Remaining Costs Ratio at 7%	3.7

**FY 2007 ACTIVITIES:** Complete initial construction and turn project over to locals.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Construction will be completed with FY 07 funds (2007).

**OTHER INFORMATION:** In addition to damaging portions of the flood control project, Hurricane Floyd destroyed the Belmont Avenue Bridge over Molly Ann's Brook, which has prevented tie-in of the flood control channel to the bridge abutments. The County of Passaic Highway Department has completed the reconstruction of the bridge. An agreement has been reached with the County that addresses the flood control project tie-ins. The non-Federal sponsor is the New Jersey Department of Environmental Protection.

**ADMINISTRATIVE POSITION:** Within Administrations Policy for Flood Control but not as resumption for Flood Control.

**CONGRESSIONAL INTEREST:** Rep. Pascrell (NJ-8), Sen. Lautenberg (NJ) & Sen. Menendez (NJ).

**DISTRICT:** Philadelphia

**DATE:** 30 March 07

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Orchard Beach, NY.

AUTHORIZATION: Section 309(e) of WRDA 1992, and Section 554 of WRDA 1996.

LOCATION: Orchard Beach is located on the north side of Long Island Sound in the Borough of the Bronx, New York, within Pelham Bay Park.

DESCRIPTION: Orchard Beach is an artificial beach that was constructed by the City of New York. The beach is located along a crescent-shaped strip of land that is about 1,000-feet wide and one-mile long and has groins at the north and south terminal points. Coastal erosion has reduced the size of the existing beach to an extent such that serious overcrowding occurs among the beach users.

<u>SUMMARIZED FINANCIAL DATA:</u>	<u>FY 2007(\$000) CONSTRUCTION</u>
Estimated Federal Cost	\$5,200
Estimated Non Federal Cost	6,800
Cash	6,800
Other	0
Total Estimated Cost	12,000
Allocation Through FY 2004	513
Allocation for FY 2005	80
Allocation for FY 2006	223
Allocation for FY 2007	0
Balance to Complete after FY 2007	4,384
Benefit to Cost Ratio Applicable Rate (4.9 @ 7.625%)	
Benefit to Cost Ratio (5.3 @ 7%)	
Remaining Benefits Remaining Cost Ratio (5.3 @ 7%)	

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete plans and specifications and coordinate a PCA with the project sponsors.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project construction schedule to be determined, subject to availability of funds.

OTHER INFORMATION: Section 309(e) of WRDA 1992 and Section 554 of WRDA 1996 limited the Federal cost to \$5,200,000. The final revaluation report concludes that a beach fill project with periodic nourishment is economically justified based on recreational benefits. While the initial construction can be accomplished under the current authorization, additional authorization would be required prior to the first renourishment contract in order to cost share future nourishments, which are scheduled to take place every five years after completion of initial construction.

ADMINISTRATION POSITION: The Administration places low budgetary priority on this project since the majority of project benefits are recreational.

CONGRESSIONAL INTEREST: Representatives Joseph Crowley (NY-7) and Jose Serrano (NY-16).

DISTRICT: CENAN

Date: 2 April 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction (Dam Safety Assurance)

PROJECT/ STUDY NAME: Otter Brook Dam, New Hampshire (Dam Safety Assurance)

AUTHORIZATION: Flood Control Act of 1944.

LOCATION: Otter Brook Dam is located within the Ashuelot River Watershed in the town of Keene in southern New Hampshire. The dam site is located along Otter Brook about 2.4 miles above its confluence with the Branch River and about 4.9 miles above the confluence of the Branch and Ashuelot Rivers.

DESCRIPTION: Otter Brook Dam was constructed in 1958 as a single-purpose flood control project. The main dam is composed of an earth filled embankment with rock slope protection, 1,288 feet in length, with a maximum height of 133 feet above the riverbed. Storage capacity of the reservoir is 17,600 acre-feet at spillway crest. The dam includes an uncontrolled concrete overflow spillway, 145 feet in length, through a rock cut in the west abutment. The project has prevented \$28.7 million in damages to date. Dam safety modifications involve the construction of a new concrete weir using mechanical fuseplugs designed to fail prior to exceeding discharge capacity. Failure of the fuseplugs would lower the spillway crest elevation, increasing spillway capacity sufficiently to discharge the probable maximum flood. A continuing contract was awarded on 11 May 2005 for construction of dam safety assurance measures. Work was initiated in July 2005 and completed in June 2006.

SUMMARIZED FINANCIAL DATA (\$000):

	<u>Construction</u>
Estimated Federal Cost	3,100
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Project Cost	3,100
Allocations thru FY 2004	400
Allocation in FY 2005	1,284
Allocation in FY 2006	1,416
Allocation in FY 2007	0
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (6 1/8%)	2.5
Benefit to Cost Ratio at 7%	2.2
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete as-built drawings and make final contract payment.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction of dam safety assurance measures were completed in FY 2006.

OTHER INFORMATION: Otter Brook Dam has performed satisfactorily since placed in operation in 1958. The project is in good overall condition, with the only significant dam safety problem being the spillway cannot pass the design flood as computed under current hydrologic criteria. During a hydrologic event in the magnitude of the revised spillway design flood, inflow at Otter Brook Lake would exceed spillway capacity, overtopping the dam by one foot and jeopardizing the embankment structure. Catastrophic failure of the dam during the spillway design flood would cause an estimated \$92 million in property damage and place nearly 14,000 people at risk in the densely populated City of Keene and other downstream communities. Construction of a new spillway at Otter Brook Dam will greatly enhance the protection of life and property in the Ashuelot and Connecticut River Basins, require minimal additional operations and maintenance efforts and have no net impact on the local environment. Average annual benefits for dam safety modifications are \$709,000 at June 2004 prices, of which \$555,600 is for flood control and \$153,400 for recreation.

ADMINISTRATION POSITION: Construction of economically justified dam safety assurance measures is consistent with Administration policy.

CONGRESSIONAL INTEREST: None.

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Passaic River Preservation of Natural Flood Storage Areas, New Jersey

AUTHORIZATION: Section 101(a)(18)(A) of the WRDA of 1990 as modified by Section 102(p) of WRDA 1992

LOCATION: The project is located in the Central Basin of the Passaic River Basin.

DESCRIPTION The Passaic River Basin suffers from severe and repeated flooding. The project consists of the acquisition of 5,350 acres of natural flood storage areas, much of it wetlands that could be developed. By preserving the land as natural flood storage areas, the project will prevent flooding from becoming worse in the future.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Construction</u>
Estimated Federal Cost	\$25,100
Estimated Non-Federal Cost	\$1,700
Cash	\$1,700
Other	0
Total Estimated Cost	\$26,800
Allocation Through FY 2004	10,159
Allocation for FY 2005	\$2,820
Allocation for FY 2006	\$2,970
Allocation for FY 2007	\$3,000
Balance to Complete after FY 2007	\$6,151
Benefit to Cost Ratio Applicable Rate (1.02 @ 7.625%)	
Benefit to Cost Ratio (1.2 @ 7%)	
Remaining Benefits Remaining Cost Ratio (1.1 @ 7%)	

FY 2007 ACTIVITIES : FY 07 funds are being used to continue acquisition of natural flood storage areas.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: The non-Federal sponsor is the State of New Jersey.

ADMINISTRATION POSITION: The Administration would support this project since project outputs consist of high priority flood damage reduction benefits.

CONGRESSIONAL INTEREST: Representatives Rodney Frelinghuysen (NJ-11) and William Pascrell, JR. (NJ-8); Senators Robert Menendez (NJ) and Frank Lautenberg (NJ).

DISTRICT: CENAN

Date: 2 April 2007

Fact Sheet  
Construction General  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Prompton Dam, West Branch Lackawaxen River, PA

**AUTHORIZATION:** HD 113, 80<sup>th</sup> Cong., 1<sup>st</sup> Sess; HD 522, 887<sup>th</sup> Congress., 2<sup>nd</sup> Sess.

**LOCATION:** Prompton Dam is located one half mile upstream of the Village of Prompton, PA on the West Branch Lackawaxen River. The project is 31 miles upstream of the Lackawaxen River's confluence with the Delaware River at Lackawaxen, PA.

**DESCRIPTION:** The selected plan widens the spillway from 50.0' to 130.0'; raises the dam by placing the 7.0' retaining wall on top of the existing embankment; and incorporates a 5.0' high erodible spillway embankment on top of a 5.0' lowering of the existing spillway crest. The erodible spillway embankment would maintain the flood control storage provided by the existing project. Under extreme flood events, the 5.0' embankment would be overtopped and eroded down to the permanent spillway crest, thereby increasing spillway flow capacity to safely pass without danger of the dam being overtopped. This plan also includes a realignment of the existing access road requiring a new bridge over the spillway. The work will be accomplished in different phases. Phase I includes widening the spillway to 85.0' and deepening by 5.0', and Phase II is the construction of the 7.0' retaining wall across the top of dam.

**SUMMARIZED FINANCIAL DATA:**

	<b><u>Construction</u></b>
Estimated Federal Cost	\$25,600,000
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$25,600,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 800,000
Allocation for FY 2006	\$ 7,680,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$17,120,000
Benefit to Cost Ratio Applicable Rate ( _%)	
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Carryover funds (\$879,500) are being used to complete Phases I and II.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASES 1&2:** October 2007

**OTHER INFORMATION:** Hydrologic Deficiency report was approved May 1995 by ASA(CW). A Design Documentation Report was completed June 2004.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** High Profile: Senator Arlen Specter (R) PA; Senator Robert Casey Jr. (D) PA; Representative Christopher Carney (D)

FACT SHEET  
CONSTRUCTION GENERAL

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME:** Ramapo and Mahwah Rivers, Mahwah, New Jersey and Suffern, New York (Ramapo and Mahwah River Construction Project)

**AUTHORIZATION:** Section 401 of the Water Resources Development Act of 1986.

**LOCATION:** The proposed project is located on the Ramapo and Mahwah Rivers in Mahwah, New Jersey and Suffern, New York.

**DESCRIPTION:** The proposed project consists of channel improvements to 13,000 feet of the Ramapo River, Mahwah River, and Masonicus Brook. Environmental protection measures are included in the project. Conditions since the project was authorized have changed, requiring a General Reevaluation Report.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>FY 2007(\$000) Construction(GRR)</u></b>
Estimated Federal Cost	\$3,799
Estimated Non-Federal Cost	\$1,266
Total Estimated Cost	\$5,065
Allocation Through FY 2004	973
Allocation for FY 2005	212
Allocation for FY 2006	116
Allocation for FY 2007	20
Balance to Complete after FY 2007	\$3,683
Benefit to Cost Ratio Applicable Rate (N/A)	
Benefit to Cost Ratio (N/A)	

**FY 2007 ACTIVITIES:** FY 2007 funds are being used to update and complete the PMP for the General Reevaluation Report, coordinate with the states of New York and New Jersey, and initiate design evaluation tasks.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Design phase completion is to be determined, subject to availability of funds.

**OTHER INFORMATION:** The project was ready for construction in 1990, but work was never initiated due to the lack of project cooperation agreements with New York and New Jersey. The States are now interested in implementing the project due to severe damage suffered from Tropical Storm Floyd in 1999 and other recent floods. Changes in the project area require that the project be reformulated to meet current conditions.

**ADMINISTRATION POSITION:** Subject to review of an updated decision document, the Administration would support this project since project outputs consist of high priority flood damage reduction benefits.

**CONGRESSIONAL INTEREST:** Rep. Elliot Engel (NY-17), Rodney Frelinghuysen (NJ-11), Scott Garrett (NJ-5); Senators Charles Schumer (NY), Hillary Clinton (NY), Robert Menendez (NJ), and Frank Lautenberg (NJ).

**DISTRICT:** CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Ramapo River at Oakland, NJ

AUTHORIZATION: Water Resources Development Act of 1986 and section 301(a)(9) of the Water Resources Development Act of 1996.

LOCATION: The project is located on the Ramapo River in the Borough of Oakland in Bergen County, and Wayne Township and the Borough of Pompton Lakes in Passaic County, New Jersey.

DESCRIPTION: This project consists of two construction contracts: (1) a channel modification of 5,800 feet of the Ramapo River and (2) the installation of flood control gates at the existing Pompton Lake Dam. The channel modification contract was completed in January 2003. The Pompton Lake Dam contract is scheduled for completion by August 2007.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Construction</u>
Estimated Federal Cost	\$20,600
Estimated Non-Federal Cost	2,000
Cash	1,100
Other	900
Total Estimated Cost	22,600
Allocation Through FY 2004	13,252
Allocation for FY 2005	3,880
Allocation for FY 2006	3,013
Allocation for FY 2007	455
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (1.4 @ 7.375%)	
Benefit to Cost Ratio (1.5 @ 7%)	
Remaining Benefits Remaining Cost Ratio (1.5 @ 7%)	

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete the ongoing Pompton Lake Dam Construction Contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The administration supports the continuation of this flood control project.

CONGRESSIONAL INTEREST: Representatives William Pascrell, Jr., (NJ-08), and Scott Garrett (NJ-5); Senators Menendez (NJ) and Lautenberg (NJ)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Raritan Bay and Sandy Hook Bay (Section 506), NJ.

AUTHORIZATION: The Flood Control Act of 1962 authorized a dual purpose Beach Erosion Control and Hurricane Protection project for Raritan Bay and Sandy Hook Bay, NJ. Section 506 (b)(3)(C) of WRDA 1996 authorizes periodic nourishment for 50 years from initiation of construction of each project, subject to a review of the project in accord with Section 934 of WRDA 1986, as amended.

LOCATION: The Raritan Bay and Sandy Hook Bay project area is situated at the southern end of Lower New York Bay between the Raritan River and Sandy Hook in Middlesex and Monmouth counties, New Jersey.

DESCRIPTION: The previously constructed project consists of segmented sections of beach fill, groins, and levees surrounding various communities in Keansburg, East Keansburg and Laurence Harbor. Required report includes re-evaluation of Federal interest in periodic nourishment of these previously completed projects.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)	
	<u>Design Phase</u>	<u>Construction</u>
Estimated Federal Cost	1,054	30,000
Estimated Non-Federal Cost:	351	15,000
Cash	351	15,000
Other	0	0
Total Estimated Cost	1,405	45,000
Allocation Through FY 2004	398	
Allocation for FY 2005	117	
Allocation for FY 2006	186	0
Allocation for FY 2007	50	0
Balance to Complete After FY 2007	303	30,000
Benefit to Cost Ratio Applicable Rate (1.3 @ 7.625%)		
Benefit to Cost Ratio – N/A		
Remaining Benefits Remaining Cost Ratio – N/A		

FY 2007 ACTIVITIES: FY 2007 funds are being used to finalize the Re-Evaluation Report and Environmental Assessment, necessary to justify Federal interest in remaining nourishment cycles.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Design phase completion is to be determined, subject to availability of funds.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration does not support periodic beach renourishment beyond the initial nourishment phase and views periodic beach nourishment as a non-Federal responsibility and therefore accords periodic beach renourishment a low budgetary priority.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr. (NJ-06); Senators Menendez (NJ) and Lautenberg (NJ)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Raritan Bay and Sandy Hook Bay, Port Monmouth, New Jersey.

AUTHORIZATION: Section 101 of the Water Resources Development Act of 2000.

LOCATION: The project area is in Middletown Township, Monmouth County, situated between Pews Creek and Comptons Creek.

DESCRIPTION: The selected plan in the June 2000 feasibility report includes about 7,070 feet of levees, 3,585 feet of floodwalls, 2,640 feet of dune (4,640 feet of placement with taper sections), a storm- tide gate, and periodic beach nourishment on a 10-year cycle. The project also includes interior drainage and mitigation features.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
Estimated Federal Cost	<u>Construction</u> \$40,650
Estimated Non-Federal Cost:	29,550
Total Estimated Cost	70,200
Allocation Through FY 2004	N/A
Allocation for FY 2005	36
Allocation for FY 2006	1,355
Allocation for FY 2007	0
Balance to Complete After FY 2007	39,259
Benefit to Cost Ratio Applicable Rate (1.1 @7%)	
Benefit to Cost Ratio (1.1 @7%)	
Remaining Benefits Remaining Cost Ratio (1.1 @7%)	

FY 2007 ACTIVITIES: Prior year funds are being used to complete the plans and specifications for the beach replenishment contract, and negotiate and execute a Project Cooperation Agreement with the non-federal sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project construction completion to be determined, subject to availability of funds.

OTHER INFORMATION: This is not a typical shore protection project. The beach fill component and renourishment components are small (12%) when compared to the flood control features of the total project first cost.

ADMINISTRATION POSITION: The Administration would support the initial construction of this project as it provides high priority flood damage prevention benefits. However, the Administration does not support periodic beach renourishment beyond the initial nourishment phase and views periodic beach nourishment as a non-Federal responsibility and accords periodic beach renourishment a low budgetary priority.

CONGRESSIONAL INTEREST: Representatives Frank Pallone (NJ-06), and Rodney Frelinghuysen (NJ-11); Senators Jon Corzine (NJ) and Frank Lautenberg (NJ).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Sandbridge Beach, Virginia

AUTHORIZATION: Section 101(22) of the Water Resources Development Act of 1992, as modified by Section 338 of the Water Resources Development Act of 2000

LOCATION: The community of Sandbridge is located in the southeastern section of the city of Virginia Beach. The project area is located along five miles of the Atlantic coast of Virginia. It is bounded on the south by the Back Bay National Wildlife Refuge and on the north by the Naval Training Facility at Dam Neck.

DESCRIPTION: The project consists of the construction of a beach berm with an average width of 50 feet and at an elevation of 6.0 feet National Geodetic Vertical Datum (NGVD). This beach community, primarily residential, is comprised of rental cottages and permanent residences. In addition to the initial beach fill, the project also provides for periodic beach nourishment over the 46-year economic life of the project.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007
	<u>Construction</u>
Estimated Federal Cost	\$ 185,597,000
Estimated Non-Federal Cost	\$ 99,936,000
Total Estimated Project Cost	\$ 285,533,000
Allocation thru FY 2004	\$ 6,298,000
Allocation for FY 2005	0
Allocation for FY 2006	\$ 2,736,000
Allocation for FY 2007	0
Balance to Complete After FY 2007	\$ 176,563,000
Benefit to Cost Ratio Applicable Rate (5.125%)	1.47
Benefit to Cost Ratio at 7%	1.4
Remaining Benefits Remaining Costs Ratio at 7%	1.3

FY 2007 ACTIVITIES: Not funded.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2048.

ISSUES AND OTHER INFORMATION: The Project Cooperative Agreement (PCA) was executed on 19 August 2002 and construction of the initial beach berm was completed in May 2003.

ADMINISTRATION POSITION: The Administration places a low priority on beach renourishment projects due to long term Federal commitment for periodic beach nourishment.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representative Drake (VA-2).

DISTRICT: Norfolk District

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Sandy Hook to Barnegat Inlet, NJ

AUTHORIZATION: River and Harbor Act of 1958, as modified by Section 854 of WRDA 1986, Section 4 of WRDA 1988, and Section 102r of WRDA 1992.

LOCATION: The project consists of 21 miles of shoreline from the Township of Sea Bright to the Manasquan Inlet in Monmouth County, New Jersey.

DESCRIPTION: The project provides beach restoration and storm damage protection with the construction of a 100-foot wide beach berm at an elevation of 10 feet above mean low water (MLW). Construction also includes the notching of existing stone groins and outfall pipe extensions. The project requires periodic nourishment of the beaches on a 6 year cycle for a period 50 years from initial construction.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Construction</u>
Estimated Federal Cost	\$755,700
Estimated Non-Federal Cost	406,900
Cash	358,600
Other	48,300
Total Estimated Cost	1,162,600
Allocation Through FY 2004	126,912
Allocation for FY 2005	179
Allocation for FY 2006	2,970
Allocation for FY 2007	3,305
Balance to Complete after FY 2007	622,334
Benefit to Cost Ratio Applicable Rate (1.3 @ 8.25%)	
Benefit to Cost Ratio ( 1.7 @ 7%)	
Remaining Benefits Remaining Cost Ratio (1.5 @ 7%)	

FY 2007 ACTIVITIES: FY 2007 funds, along with prior year funds are being used to initiate construction of the renourishment contract for the Long Branch reach of the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project construction completion to be determined, subject to availability of funds.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration does not support periodic beach renourishment beyond the initial nourishment phase and views periodic beach nourishment as a non-Federal responsibility and accords periodic beach renourishment a low budgetary priority.

CONGRESSIONAL INTEREST: Representatives Frank Pallone (NJ-06), Christopher Smith (NJ-04); Senators Frank Lautenberg (NJ) and Robert Menendez (NJ).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL (Initial Construction)

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Townsends Inlet to Cape May Inlet, NJ

**AUTHORIZATION:** Section 101(a)(26) of WRDA 1999

**LOCATION:** The Bethany Beach/South Bethany project area stretches for approximately 2 miles along the northern part of the Atlantic Ocean coast of Delaware in Sussex County, Delaware.

**DESCRIPTION:** The recommended project consists of providing 3.5 million cubic yards initial beachfill, with subsequent nourishment of 480,000 cubic yards every three years. The recommended plan consists of a sand fill beach and dune project, in two independent discontinuous segments, for both Bethany Beach and South Bethany.

**SUMMARIZED FINANCIAL DATA:**

	<b><u>Construction</u></b>	
Estimated Federal Cost	\$236,300,000	1/
Estimated Non-Federal Cost	\$129,680,000	
Total Estimated Project Cost	\$365,980,000	2/
Allocation thru FY 2004	\$ 20,159,470	
Allocation thru FY 2005	\$ 11,793,000	
Allocation thru FY 2006	\$ 11,355,000	
Allocation for FY 2007	\$ 8,500,000	
Balance to Complete After FY 2007	\$184,492,530	
Benefit to Cost Ratio Applicable Rate (7.375%)		
Benefit to Cost Ratio at 7%	1.8	
Remaining Benefits Remaining Costs Ratio at 7%	4.0	

1/ Amounts include PED costs.  
2/ Initial Construction costs \$79,703,000; Federal \$51,807,000; NF \$27,896,000

**FY 2007 ACTIVITIES:** Funds are being used to complete the construction of the Hereford Seawall and the environmental restoration at Stone Harbor Point. These funds will complete initial construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The estimate completion date is 2055. This date is based on 50-years from completion of initial construction since this project is a Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** The non-Federal sponsor is the New Jersey Department of Environmental Protection. A PCA was executed on 8 Mar 2002.

**ADMINISTRATION POSITION:** The Administration supports initial construction on this project based on high priority hurricane and storm damage reduction benefits. The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. LoBiondo (NJ-02), Rep. Frelinghuysen (NJ-11), Sen. Lautenberg (NJ) & Sen. Menendez (NJ)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Virginia Beach Hurricane Protection, Virginia Beach, Virginia

AUTHORIZATION: Section 501(a) of WRDA 1986 as modified by WRDA 1992 and Section 355 of WRDA 1996

LOCATION: The City of Virginia Beach is located on the southeastern coast of Virginia.

DESCRIPTION: The project provides hurricane protection and beach erosion control for a 6-mile segment of the Virginia Beach ocean front that is comprised of a heavily developed commercial district supporting a large tourist industry. Dense residential development exists on the north end of the project area. The project features include a new higher and wider beach that extends for the full 6-mile length of the project. A concrete seawall extends for about 4 miles north of Rudee Inlet to 58<sup>th</sup> Street where it ties into an existing dune system that is augmented with additional sand and erosion control features for the remaining 2 miles of the project. The project also includes about 3 miles of new reconstructed boardwalk and bike paths, a storm water runoff system consisting of 2 pump stations that discharge off shore through submarine pipelines. Appropriate beach access structures consisting of ramps and stairs and dune crossover facilities are also provided.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 <u>Construction</u>
Estimated Federal	\$ 247,000,000
Estimated Non-Federal Cost	\$ 133,000,000
Total Estimated Project Cost	\$ 380,000,000
Allocation thru FY 2004	\$ 76,934,000
Allocation for FY 2005	\$ 1,109,000
Allocation for FY 2006	\$ 6,063,000
Allocation for FY 2007	\$ 9,300,000
Balance to Complete After FY 2007	\$ 153,594,000
Benefit to Cost Ratio Applicable Rate (5.125%)	1.4
Benefit to Cost Ratio at 7%	1.2
Remaining Benefits Remaining Costs Ratio at 7%	8.6

FY 2007 ACTIVITIES: Fiscal year 2007 funds are being used to continue beach monitoring activities. With additional funds, the District has the capability to perform the first periodic renourishment of the beach and continue project monitoring activities such as turtle studies, topographic and benthic surveys of the new beach profiles.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2052

OTHER INFORMATION: There will be an annual requirement (funding) for monitoring activities and beach re-nourishment on about a 3-year cycle.

ADMINISTRATION POSITION: The Administration places a low priority on beach nourishment projects because of the 50-year commitment; however this project was budgeted for FY 06.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representative Drake (VA-2).

DISTRICT: Norfolk District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction – Dam Safety and Seepage Control

PROJECT/STUDY NAME: Waterbury Dam, Waterbury, VT

AUTHORIZATION: Authorized as part of flood control plans outlined in House Document #785, 71<sup>st</sup> Congress, 3<sup>rd</sup> Session, June 2, 1933, modified by Section 10 of the FCA of 1944.

LOCATION: Waterbury Dam is located in northern Vermont.

DESCRIPTION: The earth and rock fill dam and concrete and steel gated spillway was constructed by the Civilian Conservation Corps under the supervision of the Corps in the 1930's and provides flood damage reduction, hydropower, and recreation benefits. Dam safety investigations in 2000 revealed that the dam had a high risk due to seepage. Based upon Congressional direction in the FY 2002 appropriations bill, a PCA was executed in May 2002 and a construction contract was awarded for repairs in June 2002.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$24,225
Estimated Non-Federal Cost	\$260
Cash	\$260
Other	\$0
Total Estimated Cost	\$24,485
Allocation thru 2001-2004	\$17,289
Allocation for FY 2005	\$2,976
Allocation for FY 2006	\$3,960
Allocation for FY 2007	\$0
Balance to Complete after FY 2007	\$0
Benefit to Cost Ratio Applicable rate – N/A	
Benefit to Cost Ratio – N/A	

FY 2007 ACTIVITIES: Work in FY 2007 will include completion of construction of the remaining seepage control features, performance and monitoring of the seepage control system, and completion of construction of the reservoir bank stabilization.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction of the seepage control features will be completed in FY 2007. Performance and monitoring will continue into FY 2008.

OTHER INFORMATION: The spillway structure is reaching the end of its useful life and is structurally deficient. The Corps has directed Vermont to operate the gates at a reduced level of flood protection. The spillway structure will need to be replaced in the near future.

ADMINISTRATION POSITION: Inconsistent with Administration policy as the dam is owned by the State of Vermont.

CONGRESSIONAL INTEREST: Senators Patrick Leahy & Bernie Sanders & Representative Peter Walsh (VT At Large)

DISTRICT: CENAN

Date: 29 March 2007

FACT SHEET  
(CONSTRUCTION GENERAL)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Wyoming Valley Levee Raising, PA

AUTHORIZATION: WRDA 86 (with additional direction/authorization in WRDA 1988, WRDA 1992, and WRDA 1996)

LOCATION: This flood protection project is located on the Susquehanna River in Northeast Pennsylvania in the vicinity of Wilkes-Barre.

DESCRIPTION: The four Corps of Engineers' flood control projects completed in the 1940s were overtopped by Storm Agnes in 1972. This project is to provide Agnes level protection (estimated 345 year recurrence interval) to the four original projects, now referred to as the Wyoming Valley Levee System. The approximate 15 miles of levees and floodwalls will be raised 3-5 feet and the pump stations, both sanitary and storm water, will be modified to be able to withstand as well as operate during an Agnes level storm. There is also a \$37 million mitigation plan to reduce the project related adverse impacts for 53 downstream communities.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	131,000
Estimated Non-Federal Cost	44,000
Cash	(33,538)
Other	(10,462)
Total Estimated Cost	175,000
Allocation thru FY 04	101,846
Allocation for FY 05	6,030
Allocation for FY 06	10,391
Allocation for FY 07	5,600
Balance to Complete after FY 07	7,133
Benefit to Cost Ratio Applicable Rate (8-1/4%) - 2.8	
Benefit to Cost Ratio at 7% - 1.5	
Remaining Benefits Remaining Costs Ratio (7%) - 36.1	

FY 07 ACTIVITIES: FY 07 funds are being used to complete the decision document and designs for the Toby Creek Impounding Basin and award the construction contract. Funds will also be used to continue to oversee the construction of Wilkes-Barre Phase 2C element of the project and to continue elements of the project mitigation plan for the 53 downstream communities.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, construction could be completed in September 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Senators Specter and Casey (PA), Congressman Kanjorski (PA-11).

DISTRICT: Baltimore

DATE: 2 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION  
(SECTION 205 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Flood Damage Reduction

PROJECT/ STUDY NAME: Aberjona River Watershed, Winchester, Massachusetts

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended.

LOCATION: The Town of Winchester is located in eastern Massachusetts, about 8 miles northwest of Boston, Massachusetts.

DESCRIPTION: The Aberjona River flows southerly from Woburn, Massachusetts through downtown Winchester to Mystic Lake. Flooding in October 1996, June 1998 and March 2001 caused damages to the downtown business district, several residential neighborhoods and the high school. Local officials have requested Corps assistance in providing flood damage reduction measures along the entire reach of the Aberjona River in Winchester. However, the minimum flow requirement of 800 cubic feet per second for a ten-year frequency flood is not met along the Aberjona River until its confluence with Horn Pond Brook. Corps participation in flood damage reduction measures along the Aberjona River is limited to the reach below Horn Pond Brook, which includes the downtown business district.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	290	835
Estimated Non-Federal Cost	190	450
Cash	(190)	(450)
Other	(0)	(0)
Total Estimated Project Cost	480	1,285
Allocations thru FY 2004	200	0
Allocation in FY 2005	57	0
Allocation in FY 2006	33	0
Allocation in FY 2007	0	0
Balance to Complete After FY 2007	0	835
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	1.8
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to complete the feasibility study, including plan selection and preparation of an Environmental Assessment and final Feasibility Report. The selected plan involves channel widening along 1,200 linear feet of the river from 20 to 40 feet. The plan is economically justified and is estimated to reduce the elevation and severity of future flood events.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: Camp Dresser and McKee prepared a report for the Town of Winchester in 1999, which recommended a plan for 16 modifications to increase channel capacity and reduce flooding along the Aberjona River. These improvements included the construction of a 7' x 15' box culvert under the high school playing field, removing upstream dams, and enlarging culverts under bridges. Although these improvements would result in significant flood damage reduction benefits for the town, Corps involvement is precluded above the confluence of Horn Pond Brook.

ADMINISTRATION POSITION: The Administration supports economically justified flood damage reduction projects completed under Section 205 authority where the 10-year frequency flood flow is greater than 800 cubic feet per second.

CONGRESSIONAL INTEREST: Representative Markey (MA-7)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 103)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Barnegat Lighthouse, NJ

**AUTHORIZATION:** Section 103 of the River and Harbor Act of 1962. (Beach Erosion and HSDR)

**LOCATION:** The shoreline erosion is occurring along the northern bayside of Long Beach Island within the Borough of Barnegat Light, and south of Barnegat Inlet. The shoreline parallels the backbay channel within which is located the New Jersey Intracoastal Waterway.

**DESCRIPTION:** The channel is migrating eastward and causing the erosion of the shoreline and the undermining of the existing bulkheads. The eroded shoreline is principally owned outright by either Ocean County or the Borough, with the remainder under public easement. This project will investigate structural and nonstructural erosion control measures.

**SUMMARIZED FINANCIAL DATA:**

**FEASIBILITY**

Estimated Federal Cost	\$100,000
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$100,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 14,000
Allocation for FY 2006	\$ 86,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** The project has been terminated due to negative Initial Appraisal Report.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 103.

**CONGRESSIONAL INTEREST:** Rep Saxton (NJ-03), Sen. Menendez and Lautenberg, (NJ)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07



FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 14)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Beaverkill River, Horton, Delaware County, New York

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, as amended (streambank and shoreline erosion protection).

**LOCATION:** The project area is located along County Route 17 along the Beaverkill River in Delaware County, New York.

**DESCRIPTION:** This was an emergency stream bank stabilization study. The Beaverkill River is eroding its bank, undermining and failing County Route 17. Delaware County, New York has expressed interest in being the non-Federal sponsor for a project to investigate the problem and propose a project to protect the road from the stream.

**SUMMARIZED FINANCIAL DATA**

**DESIGN AND IMPLEMENTATION PHASE**

Estimated Federal Cost	\$1,000,000
Estimated Non-Federal Cost	\$ 350,000
Total Estimated Cost	\$1,350,000
Allocation thru 2004	\$ 173,500
Allocation for FY 2005	\$ (1,700)
Allocation for FY 2006	\$ 70,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 756,500
Benefit to Cost Ratio Applicable rate (_%):	
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project suspended due to sponsor (Delaware County) investigating relocating the road.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Rep. Hinchey (NY-22)

**DISTRICT:** Philadelphia

**DATE:** 30 March 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 14)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Beaverkill Turnwood Road Streambank Stabilization Project, Hardenburgh, Ulster County, New York

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946 as amended (streambank and shoreline erosion protection).

**LOCATION:** The project area is located along the Beaverkill River at two sites within the Town of Hardenburgh in Ulster County, New York.

**DESCRIPTION:** The proposed project is the construction of stream bank stabilization measures along the Beaverkill at two sites adjacent to Turnwood Road, in the Town of Hardenburgh, Ulster County, New York.

Project benefits include the protection of the County Road, Route 102 locally known as Turnwood Road. The sites are subject to severe erosion and bank failure during high flows, jeopardizing the adjacent road which is the only means of ingress and egress from this mountainous rural area. The locations were the subject of temporary, emergency sheet piling installation by the County Highway Department to preserve limited two-lane access for school buses and other public safety vehicles.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>DESIGN AND IMPLEMENTATION PHASE</u></b>
Estimated Federal Cost	\$1,000,000
Estimated Non-Federal Cost	\$ 800,000
Cash	\$ 600,000
Other	\$ 200,000
Total Estimated Cost	\$1,800,000
Allocation thru 2004	\$ 57,000
Allocation for FY 2005	\$ 5,300
Allocation for FY 2006	\$ 71,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 866,700
Benefit to Cost Ratio Applicable rate ( _%)	
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project has been suspended and may be reformulated for stream restoration with the County Soil and Water Conservation District.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Rep. Hinchey (NY-22)

**DISTRICT:** Philadelphia

**DATE:** 30 March 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 205 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Flood Damage Reduction

PROJECT/ STUDY NAME: Black Rocks Creek (Blackwater River), Salisbury, Massachusetts

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended.

LOCATION: The Town of Salisbury is located along the Atlantic coastline about 45 miles northeast of Boston, Massachusetts. The area under study includes the eastern shore of the Blackwater River estuary extending from the Massachusetts/New Hampshire border south to Beach Road.

DESCRIPTION: Frequent flooding of several low lying areas prompted local officials to request Federal assistance in reducing flood losses. An evaluation of these areas determined that measures to reduce flooding would be economically justified at one location. This area extends from 9<sup>th</sup> Street to Florence Avenue, and contains about 135 residential structures. The proposed project involves the construction of about 2,765 feet of floodwall with an average height of 2-3 feet. Most sections of the wall would have a landside berm. Also included are two pumping stations to discharge interior runoff.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	175	1,339
Estimated Non-Federal Cost	75	721
Cash	(75)	(721)
Other	(0)	(0)
Total Estimated Project Cost	250	2,060
Allocations thru FY 2004	172	0
Allocation in FY 2005	0	0
Allocation in FY 2006	3	0
Allocation in FY 2007	0	0
Balance to Complete After FY 2007	0	1,339
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	1.8
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to complete the feasibility study, including preparation of an Environmental Assessment and final Feasibility Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: The Feasibility Cost Sharing Agreement was executed with the Commonwealth of Massachusetts, Department of Environmental Management on 4 January 1999.

ADMINISTRATION POSITION: The Administration supports economically justified flood damage reduction projects completed under Section 205 authority.

CONGRESSIONAL INTEREST: Senators Kennedy (MA) and Kerry (MA), and Representative Tierney (MA-6)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
 CONSTRUCTION GENERAL  
 (CONTINUING AUTHORITIES PROGRAM - Section 14)  
 Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Branchville Streambank Stabilization Project, Sussex County, NJ

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946 as amended.

**LOCATION:** The project area is located along Culvers Creek and Dry Brook within the Borough of Branchville in Sussex County, New Jersey.

**DESCRIPTION:** The proposed project would involve the construction of stream bank stabilization measures along Dry Brook at Railroad and Maple Avenues (County Bridge B-10) and along Culvers Creek where it crosses under Lower Mill Street (County Bridge B-4).

Project benefits will include the protection of three Borough streets, several residences and a municipal water line crossing Culvers Creek. The sites are subject to severe erosion and bank failure during high flows, jeopardizing the adjacent roads and residences. The initial concept is the installation of up to 225 linear feet of retaining wall and rock riprap along the stream bank.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>Design and Implementation Phase</u></b>
Estimated Federal Cost	\$1,000,000
Estimated Non-Federal Cost	\$ 800,000
Cash	\$ 600,000
Other	\$ 200,000
Total Estimated Cost	\$1,800,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 133,000
Allocation for FY 2006	\$ 44,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 823,000
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project has been suspended pending future Sponsor participation.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Rep. Garrett (NJ-05)

**DISTRICT:** Philadelphia

**DATE:** 30 March 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Cedar Run, PA

AUTHORIZATION: Continuing Authorities Program Section 205, Flood Control Act of 1948, as amended.

LOCATION: Cumberland County, Pennsylvania

DESCRIPTION: The Cedar Run watershed is located in the eastern portion of Cumberland County, Pennsylvania. Cedar Run flows in a generally southwest to northwest direction and the main stem is approximately 38,500 feet long. There are several medium-sized unnamed tributary streams that flow into the main stem and numerous small creeks. Cedar Run discharges into the Yellow Breeches Creek in Lower Allen Township near the West End of Old Mill Drive. The study will evaluate the flooding which has been occurring along Cedar and make recommendations as to how to reduce the damages resulting from the flooding.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$ 350
Estimated Non-Federal Cost	250
Cash	
Other	
Total Estimated Cost	\$ 600
Allocation thru 2004	\$ 48
Allocation for FY 2005	7
Allocation for FY 2006	190
Allocation for FY 2007	0
Balance to Complete after FY 2007	105
Benefit to Cost Ratio Applicable rate (___%):	Not available yet
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: No work will be performed in FY 07 due to the moratorium on signing feasibility cost sharing agreements in the Continuing Authorities Program.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in FY 08, the feasibility phase could be completed in FY 09.

OTHER INFORMATION: The Phase I fact sheet was submitted to North Atlantic Division in December 2004. The recommendation is to continue further study of the flooding problem from Cedar Run to develop a flood damage reduction project.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senators Casey and Specter (PA) and Congressman Platts (PA19)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 14)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Chrome Run, Ridley Creek, Middletown, Delaware County, PA

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, as amended (streambank and shoreline erosion protection).

**LOCATION:** The study area is located along Chrome Run in Delaware County, Pennsylvania.

**DESCRIPTION:** The study investigated approximately 7,000 feet of eroding streambank and riparian corridor. The non-Federal sponsor subsequently withdrew support for the project.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>PLANNING &amp; DESIGN ANALYSIS</u></b>
Estimated Federal Cost	\$155,000
Estimated Non-Federal Cost	\$ 0
Total Estimated Cost	\$155,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$155,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (_%):	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project was terminated due to lack of local sponsor support.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Rep. Sestak (PA-7)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION  
(SECTION 103 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Coastal Storm Damage Reduction

PROJECT/ STUDY NAME: Coastal Areas, Marshfield, Massachusetts

AUTHORIZATION: Section 103 of the River and Harbor Act of 1962, as amended.

LOCATION: The Town of Marshfield is located in southeastern Massachusetts along the shore of Massachusetts Bay, about 20 miles southeast of Boston.

DESCRIPTION: The coastal areas in Marshfield are subject to storm and flood damages. The beachfront has sand and cobble berms backed by revetments and sea walls. Overtopping of the seawalls has resulted in backshore flooding of commercial and residential properties. Storm tide gates across the end of adjacent Green Harbor protect the area from flanking during storm surges, but can also prevent the evacuation of storm drainage from flooded areas. Beach restoration, a pumping station and nonstructural measures are among the preliminary alternatives being considered.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	210	2,730
Estimated Non-Federal Cost	110	1,470
Cash	(110)	(1,470)
Other	(0)	(0)
Total Estimated Project Cost	320	4,200
Allocations thru FY 2004	5	0
Allocation in FY 2005	9	0
Allocation in FY 2006	86	0
Allocation in FY 2007	0	0
Balance to Complete After FY 2007	110	2,730
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Study efforts beyond the first \$100,000 require a Feasibility Cost Sharing Agreement. Further studies are on hold because of the moratorium on signing new Feasibility Cost Sharing Agreements.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2009.

OTHER INFORMATION: The Town of Marshfield may partner with the Massachusetts Department of Conservation and Recreation (DCR).

ADMINISTRATION POSITION: The Administration supports construction of hurricane and storm damage protection projects under Section 103 authority.

CONGRESSIONAL INTEREST: Representative Delahunt (MA-10)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 14)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** East Point, Cumberland County, NJ

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, as amended  
(streambank and shoreline erosion protection)

**LOCATION:** The study area is located in Maurice River Township, Cumberland County, New Jersey, approximately 20 miles north of Cape May, New Jersey.

**DESCRIPTION:** The study area is located on the tidal Delaware Bay in Maurice River Township, Cumberland County, New Jersey. Bay Avenue is the only access to the 19 residences of East Point. A portion of the road is being eroded by wave action and during storm events, the bay water overtops the small dune, which is approximately 3 feet high and Bay Avenue becomes impassable. Without providing some type of protection, continued erosion and road failure from reoccurring coastal storms is anticipated within 5 years.

**SUMMARIZED FINANCIAL DATA**

**Design and Implementation Phase**

Estimated Federal Cost	\$700,800
Estimated Non-Federal Cost	\$140,000
Total Estimated Cost	\$840,800
Allocation thru 2004	\$275,000
Allocation for FY 2005	\$ 3,800
Allocation for FY 2006	\$ 62,000
Allocation for FY 2007	\$360,000
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Finalize plans and specifications, execute Project Cooperation Agreement, and initiate and complete construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Physical construction completion is scheduled for FY 2008.

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Rep. LoBiondo (NJ-02)

**DISTRICT:** Philadelphia

**Date:** 30 Mar 07



FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 205-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Elizabeth River, Valley View Road, Hillside, NJ Emergency Streambank Protection Study

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended (33 U.S.C. 701r).

LOCATION: Hillside, New Jersey

DESCRIPTION: A 4000 linear foot section of the Elizabeth River in the Township of Hillside, Union County, New Jersey has eroded, causing the exposure of a sanitary sewer line. The project site is located adjacent to the Lehigh Railroad overpass adjoining the Elizabeth River. At certain locations, the sewer line is exposed. If not protected, there is a risk that the sewer line will rupture and spill raw sewage into the Elizabeth River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000) Study (PDA)</u>
Estimated Federal Cost	\$ 467
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 467
Allocation thru 2004	\$ 274
Allocation for FY 2005	\$ 61
Allocation for FY 2006	\$100
Allocation for FY 2007	\$100
Balance to Complete after FY 2007	\$0+\$685*
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

\*Balance to Complete Construction

FY 2007 ACTIVITIES: FY07 activities include completion of Plans and Specifications and the Planning Design Analysis Phase of the project in September 2007. Additional Federal funding of \$685K will be required for construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest the Planning Design Analysis Phase could be completed is FY07.

OTHER INFORMATION: PCA execution and additional Federal funding of \$685K will be required for construction.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Payne, NJ-10

DISTRICT: New York

Date: 2 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Elkton, MD

AUTHORIZATION: Continuing Authorities Program, Section 205 of the Flood Control Act of 1948, as amended

LOCATION: Cecil County, Maryland

DESCRIPTION: The study area encompasses that portion of Big Elk Creek and its delineated floodplain located within the corporate limits of Elkton in Cecil County, Maryland, as well as selected impacted areas within the watershed. A number of residences and business establishments within the project area are subjected to periodic flooding that also inundates roads and improved recreation areas, often cutting off access to the southern portion of the town. The project recommendation includes the realignment and stabilization of Big Elk Creek and floodproofing of 9 structures in the floodplain.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	\$ 835	\$ 1,972
Estimated Non-Federal Cost	735	1,062
Cash		
Other		
Total Estimated Cost	\$ 1,570	\$ 3,034
Allocation thru 2004	\$ 798	0
Allocation for FY 2005	7	0
Allocation for FY 2006	30	0
Allocation for FY 2007	0	0
Balance to Complete after FY 2007	0	\$ 1,972
Benefit to Cost Ratio Applicable rate (5 3/8%) – 5.0		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

FY 2007 ACTIVITIES: FY 06 carryover funds are being used to complete the feasibility report and submit it to Division.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility report is expected to be approved in FY 07. With optimum funding, the Design & Implementation phase could be completed in FY 09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Gilchrest (MD-01); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM-Section 205)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Elsmere Storm Water Infrastructure, DE

**AUTHORIZATION:** Section 205, Flood Control Act of 1948, as amended.

**LOCATION:** The project area is within the drainage area of three tributary streams of the Christina River within the Town of Elsmere and portions of New Castle County, Delaware.

**DESCRIPTION:** The study investigated comprehensive stormwater management and infrastructure evaluation for the Town of Elsmere, which has experienced significant property damage due to frequent flooding.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$ 20,000
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$ 20,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 20,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY07	\$ 0
Benefit to Cost Ratio Applicable rate ( _%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project was terminated due to negative Initial Appraisal Report.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 205.

**CONGRESSIONAL INTEREST:** Sen. Biden and Carper, (DE); Rep. Castle (DE-AL)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 205)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Elsmore, DE

**AUTHORIZATION:** Section 205 Flood Control Act of 1948 as amended.

**LOCATION:** The project area is within the drainage area of three tributary streams of the Christina River within the Town of Elsmere and portions of New Castle County, Delaware.

**DESCRIPTION:** The study investigated comprehensive stormwater management and infrastructure evaluation for the Town of Elsmere, which has experienced significant property damage due to frequent flooding.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$ 75,000
Estimated Non-Federal Cost	\$ 0
Cash	\$ 0
Other	\$ 0
Total Estimated Cost	\$ 75,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 50,000
Allocation for FY 2006	\$ 25,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project terminated. Negative report completed.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 205.

**CONGRESSIONAL INTEREST:** Sen. Biden and Carper, DE; Rep. Castle (DE-AL)

**DISTRICT:** Philadelphia

**DATE:** 30 March 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 14)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Fort Mifflin Sea Wall, Philadelphia, PA

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, as amended (streambank and shoreline erosion protection).

**LOCATION:** The project area is situated along the Delaware River in the City of Philadelphia, Pa. approximately 1.5 miles south of the confluence of the Schuylkill River and the Delaware River. The project is located on the Fort Mifflin historic property, and is adjacent to the Corps Fort Mifflin Project Field Office.

**DESCRIPTION:** The sea wall dates to the 19th century and was in a state of disrepair with wave and ice forces causing extensive erosion. A section of the wall was breached and backfill was being lost. The project included placing riprap along the base of the wall, repairing the wall mortar, replacing missing stones, and placing backfill with geosynthetic materials to stabilize the wall.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>Construction</u></b>
Estimated Federal Cost	\$ 558,800
Estimated Non-Federal Cost	\$ 269,317
Total Estimated Cost	\$ 828,117
Allocation thru 2004	\$ 536,800
Allocation for FY 2005	\$ 20,000
Allocation for FY 2006	\$ 2,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate ( _%):	
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Project was completed FY 2006.

**OTHER INFORMATION:** The project construction contract was awarded in September 2003 and construction was completed June 2004. A dedication ceremony was held in November 2005. FY 2006 funds were used for preparation of the O&M manual and project close-out.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Rep. Brady (PA-1)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION  
(SECTION 205-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Fulmer Creek Flood Damage Reduction Study

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended [33U.S.C.701(s)]

LOCATION: Village of Mohawk, NY, approximately 10 miles east of Utica, New York.

DESCRIPTION: The study area lies along the lower section of Fulmer Creek, a tributary of the Mohawk River. Frequent flooding occurs along Fulmer Creek in the Village of Mohawk due to flows which exceed the existing channel's capacity. The heavy flows that occur in combination with ice jams that form at river crossings cause extensive flooding in developed areas. The principal damage areas lie on the right bank of the waterway and include many residential and commercial structures. The purpose of this study is to investigate ways to reduce flood hazards and associated urban damages from ice jams. The study also seeks to maintain fish and wildlife resources of the existing stream, significant cultural attributes of sites found within potential project boundaries, and water quality of the stream in this area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>D&amp;I</u>
Estimated Federal Cost	\$1,430
Estimated Non-Federal Cost	\$770
Total Estimated Cost	\$2,200
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 323
Allocation for FY 2006	\$815
Allocation for FY 2007	\$555
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (5.625%)	3:1
Benefit to Cost Ratio at 7%	3:1
Remaining Benefits Remaining Costs Ratio at 7%	3:1

FY 2007 ACTIVITIES: Complete Plans & Specifications , execute PCA and award construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The total Design and Implementation phase (including construction) will be complete in FY08

OTHER INFORMATION: The cost-sharing for Plans and Specifications will be recouped after signing the PCA for Construction. The Construction Phase would be initiated in FY08.

ADMINISTRATION POSITION: Project is consistent with Administration policy

CONGRESSIONAL INTEREST: Congressional Member: Michael Arcuri – NY-24

DISTRICT: New York

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 205 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Flood Damage Reduction

PROJECT/ STUDY NAME: Harbor Brook, Meriden, Connecticut

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended.

LOCATION: The Harbor Brook watershed, which has a total drainage area of about 12.3 square miles, is within the Quinnipiac River Basin located in central Connecticut about 15 miles south of Hartford, Connecticut. The watershed is located primarily within in the city of Meriden, with small areas extending into Berlin, Middletown, Middlefield and Wallingford, Connecticut. Meriden is situated in New Haven County and is about 20 miles north of the Long Island Sound coastline.

DESCRIPTION: Harbor brook drains the eastern half of the City and flows southeasterly through the central business district in downtown Meriden. Within this urban area the brook is restricted as it flows through a series of undersized culverts, bridges and walled channels. A feasibility study was conducted to examine flood damage reduction measures along Harbor Brook in Meriden, Connecticut. Study efforts were unable to identify an economically viable plan of flood damage reduction within the amount of available non-Federal funding. It was mutually agreed to terminate the study.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>
Estimated Federal Cost	300
Estimated Non-Federal Cost	200
Cash	(200)
Other	(0)
Total Estimated Project Cost	500
Allocations thru FY 2004	299
Allocation in FY 2005	-1
Allocation in FY 2006	2
Allocation in FY 2007	0
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (5 3/8%)	0.2
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Study is being financially closed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility study will be terminated in FY 2007.

OTHER INFORMATION: Feasibility Cost Sharing Agreement was signed with the Connecticut Department of Environmental Protection on March 2001.

ADMINISTRATION POSITION: The Administration would not support this project because Federal participation is not economically justified.

CONGRESSIONAL INTEREST: Representative Murphy (CT-5)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Heshbon to Hepburnville, Lycoming County

AUTHORIZATION: Continuing Authorities Program, Section 205 of the Flood Control Act of 1948, as amended

LOCATION: Lycoming County, Pennsylvania

DESCRIPTION: The Lycoming Creek watershed lies mainly in north-central Lycoming County, north of the City of Williamsport. The drainage basin along the lower portion of the 35-mile Lycoming Creek has a recorded history of flood events. After millions of dollars in property damage and deaths from the 1996 flood, Congress identified \$5,000,000 in funding (June 1998) for a flood damage reduction study. A preliminary site investigation was performed in 1998, and the study area was expanded from the initial 2.5 miles (Heshbon to Hepburnville reach) to 12.5 stream miles, including four contiguous reaches upstream of and including the lower damage center. The study area within the Lycoming Creek watershed lies within the Townships of Lewis, Hepburn, Loyalsock, Old Lycoming, and Lycoming.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$ 1,124
Estimated Non-Federal Cost	1,024
Cash	
Other	
Total Estimated Cost	\$ 2,148
Allocation thru 2004	\$ 119
Allocation for FY 2005	50
Allocation for FY 2006	355
Allocation for FY 2007	300
Balance to Complete after FY 2007	300
Benefit to Cost Ratio Applicable rate (_%):	Not available yet
Benefit to Cost Ratio at 7%:	Not available yet
Remaining Benefits Remaining Costs Ratio at 7%:	Not available yet

FY 2007 ACTIVITIES: FY 07 funds are being used to continue the feasibility phase. The work will include hydraulic analyses, baseline environmental analyses, watershed assessment, development of concept designs and public coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 08

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Carney (PA-10); Congressman Peterson (PA-05); Senators Specter and Casey (PA)

DISTRICT: Baltimore

Date: 3 April 2007



FACT SHEET  
CONSTRUCTION  
(SECTION 14 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Emergency Shoreline Protection

PROJECT/ STUDY NAME: Holmes Bay, Whiting, Maine

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The Town of Whiting is located in eastern Maine about 10 miles southwest of the Canadian border.

DESCRIPTION: Tidal fluctuations and wave action have caused severe shoreline erosion along a section of Holmes Bay, adjacent to Cutler Road (Route 191), in Whiting, Maine. Proposed shoreline protection measures involve the placement of about 650 linear feet of stone slope protection to prevent further undermining and possible collapse of Cutler Road.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	270	654
Estimated Non-Federal Cost	0	476
Cash	(0)	(476)
Other	(0)	(0)
Total Estimated Project Cost	270	1,130
Allocations thru FY 2004	15	0
Allocation in FY 2005	47	0
Allocation in FY 2006	198	0
Allocation in FY 2007	14	654
Balance to Complete After FY 2007	0	0
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	17.7
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds (\$14,000) are being used to complete Planning and Design Analysis (PDA) efforts in April 2007. Work included preparation of an Environmental Assessment, Decision Document and project plans and specifications. Upon project approval, FY 2007 funds (\$654,000) will be used to execute a Project Cooperation Agreement with the State of Maine Department of Transportation, advertise and award a contract, and initiate and complete construction of shoreline protection measures.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project construction in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports emergency shoreline protection of public facilities under Section 14 authority.

CONGRESSIONAL INTEREST: Senators Collins (ME) and Snowe (ME), and Representative Michaud (ME-02)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
(CONTINUING AUTHORITIES PROGRAM - Section 103)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** North Shore Indian River Inlet, Sussex County, DE

**AUTHORIZATION:** Section 103 of the River and Harbor Act of 1962. (Beach Erosion and HSDR)

**LOCATION:** The study area is located along the Northern Interior Shoreline of Indian River Inlet, adjacent to the U.S. Coast Guard facility.

**DESCRIPTION:** To save costs, the construction of the original stone revetment in 1988 was limited to that portion of the shoreline actually eroding. The remaining 320 feet of unprotected shoreline along the northern interior of the inlet has been subjected to increased erosion over the last decade. The project purpose was to complete the revetment and realize the full benefits of the stone protection. The USCG facility, use of parklands, and access to the remaining portions of the state park and marina, as well as several private properties, is being threatened. If no action, the existing project will be flanked and fail and the existing parkland and road will be lost.

<u>SUMMARIZED FINANCIAL DATA</u>	<u>DESIGN AND IMPLEMENTATION PHASE</u>
Estimated Federal Cost	\$ 719,400
Estimated Non-Federal Cost	\$ 395,000
Total Estimated Cost	\$1,114,400
Allocation thru 2004	\$ 100,000
Allocation for FY 2005	\$ 25,400
Allocation for FY 2006	\$ 594,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate ( _%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None. A site visit in July 2006 revealed that the existing revetment is failing, and a deep hole has formed off the USCG bulkhead. The proposed solution is to pump sand from the flood shoal to fill the scour holes. This solution will be pursued under the O&M Program.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 103.

**CONGRESSIONAL INTEREST:** Rep. Castle (DE-AL)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 205-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Jackson Brook, New Jersey

AUTHORIZATION: Section 205, Flood Control Act of 1948, as amended.

LOCATION: Jackson Brook is a tributary to the Rockaway River and covers parts the Town of Dover, Wharton Borough, and Mine Hill and Randolph Townships in Morris County, New Jersey.

DESCRIPTION: Flooding in the Jackson Brook floodplain has caused extensive damages and stream bank erosion. The project includes the replacement of a culvert, channel protection, enlarging a pond and dam outlet, and bridge replacement.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design &amp; Implementation (D&amp;I)</u>
Estimated Federal Cost	\$5,200
Estimated Non-Federal Cost	\$2,800
Cash	\$1,800
Other	\$1,000
Total Estimated Cost	\$8,000
Allocation thru 2004	\$211.1
Allocation for FY 2005	\$448
Allocation for FY 2006	\$295
Allocation for FY 2007	\$475
Balance to Complete after FY 2007	\$3,770.9
Benefit to Cost Ratio Applicable rate	Not Available
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: A detailed project report (DPR) is being prepared to determine a recommended plan. Work is performed in the design and implementation phase (old plans and specifications phase) of the CAP program as per Congressional direction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010 for completion of design and implementation phase.

OTHER INFORMATION: Upon completion of the DPR, a PCA could be executed and the project ready for construction in FY 2008.

ADMINISTRATION POSITION: Consistent with Administration policy assuming the DPR identifies flood damage reduction measures in the Federal interest.

CONGRESSIONAL INTEREST: Representative Rodney Frelinghuysen (NJ-11) and Senators Robert Menendez and Frank Lautenberg

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 205)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Channel Modification, Little Mill Creek Flood Control Project, New Castle County, DE

**AUTHORIZATION:** Section 205 Flood Control Act of 1948 as amended.

**LOCATION:** The project area is located along Little Mill Creek, a tributary of the Christina River within the Town of Elsmere and portions of New Castle County, Delaware.

**DESCRIPTION:** The recommended plan involves deepening the existing channel by 3 feet and providing a 30 foot bottom width for a distance of 2,365 feet. Channelization extends from the upstream face of the Chessie Wilsmere Yards Bridge to the downstream limits of improvements made by New Castle County below Kirkwood Highway. The plan includes bank stabilization, a low flow channel, landscaping, real estate acquisition, disposal of excavated material, and modifications to a sanitary sewer line. The excavated channel material will be placed in the Wilmington Harbor South confined disposal facility.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>Design and Implementation Phase</u></b>
Estimated Federal Cost	\$2,881,712
Estimated Non-Federal Cost	\$ 812,000
Cash	\$ 582,000
Other	\$ 230,000
Total Estimated Cost	\$3,693,712
Allocation thru 2004	\$ 829,712
Allocation for FY 2005	\$ 27,000
Allocation for FY 2006	\$2,025,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	
Benefit to Cost Ratio at 7%	1.5
Remaining Benefits Remaining Costs Ratio at 7%)	

**FY 2007 ACTIVITIES:** Complete construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** 27 April 2007

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 205.

**CONGRESSIONAL INTEREST:** Rep. Castle (DE-AL)

**DISTRICT:** Philadelphia

**DATE:** 30 March 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 205)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Little Mill Creek, Gravel Road, Upper Southampton, PA

**AUTHORIZATION:** Section 205 Flood Control Act of 1948 as amended.

**LOCATION:** Little Mill Creek is a secondary tributary of the Neshaminy Creek in eastern Bucks County, PA.

**DESCRIPTION:** Major damage center is located along Gravel Road. The stream at this location is restricted by a culvert which passes through a 40 foot high railroad embankment which carries the Trenton Cutoff Main freight line around Philadelphia. This project will evaluate both structural and non-structural flood control measures.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$ 295,353
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$ 295,353
Allocation thru FY 2004	\$ 80,353
Allocation for FY 2005	\$ 20,000
Allocation for FY 2006	\$ 195,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate ( _%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Carryover of \$195,000 will be reprogrammed to another project when budgetary constraints are lifted and Congressional interests are notified.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project was terminated due to negative Feasibility Report based on withdrawal of sponsorship by Upper Southampton Township (December 2006).

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 205.

**CONGRESSIONAL INTEREST:** Sen Specter & Casey (PA), Rep Murphy (PA-08)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 205-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Long Hill Township, New Jersey (also called Upper Passaic River and Tributaries, Long Hill, NJ)

AUTHORIZATION: Section 205, Flood Control Act of 1948, as amended.

LOCATION: The project area is located along the Upper Passaic River and its tributaries in Long Hill Township, New Jersey.

DESCRIPTION: Long Hill Township suffers damages from flooding along several tributaries caused by backwater from the Upper Passaic River. The recommended plan's features include a levee/floodwall, road raising, closure structures, and non-structural measures that will provide protection to the major flood damage areas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$6,575
Estimated Non-Federal Cost	\$1,025
Cash	\$680
Other	\$345
Total Estimated Cost	\$7,600
Allocation thru 2004	\$428.5
Allocation for FY 2005	\$657
Allocation for FY 2006	\$990
Allocation for FY 2007	\$0
Balance to Complete after FY 2007	\$4,449.5
Benefit to Cost Ratio Applicable rate	Not Available
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: None due to the Committee moratorium on CAP projects. The project is ready for construction, but cannot proceed due to the moratorium until full funding (balance to complete) of \$4,500,000 is received. PCA would then be executed for construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009 for construction assuming moratorium is lifted in later FY 2007 or early FY 2008.

OTHER INFORMATION: A waiver will likely be requested to execute the PCA as the non-Federal sponsor may lose its share of funds later this year if PCA is not executed in FY 2007.

ADMINISTRATION POSITION: Consistent with Administration policy as the project provided urban flood damage reduction benefits.

CONGRESSIONAL INTEREST: Representatives Rodney Frelinghuysen (NJ-11) and Mike Ferguson (NJ-7); Senators Robert Menendez and Frank Lautenberg

DISTRICT: CENAN  
Date: 30 March 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
(SECTION 14 – CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Malapardis Brook, Township of Hanover, New Jersey Emergency Streambank Protection Project

AUTHORIZATION: Section 14, Flood Control Act of 1946, as amended.

LOCATION: The project site is located in Hanover Township, New Jersey along an estimated 500-foot section of Malapardis Brook that runs along Mt.Pleasant Avenue.

DESCRIPTION: Mt. Pleasant Avenue is a town-owned road that is a main connector to Rt. 10. Route 10 provides access to shopping centers for numerous residential and commercial structures. The stream bank undergoes continual erosion due to high stream velocities within the project area. Lateral migration of the river and loss of substantial portions of the riverbank continue to threaten Mt. Pleasant Avenue.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PDA</u>
Estimated Federal Cost	\$ 534,000
Estimated Non-Federal Cost	\$ 266,000
Cash	\$ 266,000
Other	\$ 0
Total Estimated Cost	\$ 800,000
Allocation thru 2004	\$ 65,000
Allocation for FY 2005	\$ 140,000
Allocation for FY 2006	\$ 247,000
Allocation for FY 2007	\$350,000
Balance to Complete after FY 2007	\$0
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio	N/A

FY 2007 ACTIVITIES: Complete Plans and Specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction will be completed in FY 2008.

OTHER INFORMATION: Execute PCA. Full Construction Funding is available to award contract in FY 2008.

ADMINISTRATION POSITION: The Administration would support this project as an important access road and vital infrastructure are being threatened.

CONGRESSIONAL INTEREST: Representative Rodney Frelinghuysen (NJ -11)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 14)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Manasquan River, Howell Township, Monmouth County, NJ

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, as amended (streambank and shoreline erosion protection).

**LOCATION:** The project area is located at Bergerville Road along the Manasquan River in Howell Township, Monmouth County, New Jersey.

**DESCRIPTION:** The proposed plan consists of a retaining wall along the right bank of the Manasquan River parallel to Bergerville Road (aka Casino Drive) for a distance of approximately 600 feet. The wall will be constructed of 6 foot deep by 8-inch high confined cellular (CCS) grids stacked to a height of 11 feet. Toe protection to prevent undermining of the CCS retaining wall will be provided by an 18 inch deep by 20 foot wide leveling material and a CCS scour apron placed perpendicular to the wall.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>DESIGN AND IMPLEMENTATION PHASE</u></b>
Estimated Federal Cost	\$ 991,563
Estimated Non-Federal Cost	\$ 350,000
Total Estimated Cost	\$1,341,563
Allocation thru 2004	\$ 293,563
Allocation for FY 2005	\$ 2,000
Allocation for FY 2006	\$ 61,000
Allocation for FY 2007	\$ 635,000
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (%):	
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

**FY 2007 ACTIVITIES:** Finalize plans and specs, obtain environmental permits, execute Project Cooperation Agreement, initiate and complete construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Physical construction completion is scheduled for FY 2008.

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Rep. Smith (NJ-4)

**DISTRICT:** Philadelphia

**DATE:** 30 March 2007



FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 205)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Mill Creek, Neshaminy Basin, Upper Southampton, PA

**AUTHORIZATION:** Section 205 Flood Control Act of 1948 as amended.

**LOCATION:** Upper Southampton Township; Mill Creek is a tributary of the Little Neshaminy Creek in Bucks County, PA.

**DESCRIPTION:** The residential project area along Mill Creek is subject to flooding, due to urbanization factors. The study evaluated structural and non-structural flood control measures.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$ 100,000
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$ 100,000
Allocation thru FY 2004	\$ 10,000
Allocation for FY 2005	\$ 79,000
Allocation for FY 2006	\$ 11,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** The project was terminated due to negative Feasibility Report based on withdrawal of sponsorship from Upper Southampton Township (December 2006).

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 205.

**CONGRESSIONAL INTEREST:** Sen. Specter and Casey (PA), Rep Murphy (PA-08)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Montoursville, Lycoming County, PA

AUTHORIZATION: Continuing Authorities Program, Section 205 of the Flood Control Act of 1948, as amended

LOCATION: Lycoming County, Pennsylvania

DESCRIPTION: The Borough of Montoursville is located along the eastern shoreline of Loyalsock Creek, just upstream from its confluence with the West Branch Susquehanna River. The Borough has been the location of numerous high water events, including major floods in 1972, 1975, 1982, 1987, 1991, 1996, and 2004. Following the devastation of the 1996 flood, Lycoming County and the Borough of Montoursville requested assistance from the Corps to reduce flood damage along Loyalsock Creek. A feasibility cost sharing agreement (FCSA) was executed in September 2002.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$ 1,082
Estimated Non-Federal Cost	982
Cash	
Other	
Total Estimated Cost	\$ 2,064
Allocation thru 2004	\$ 661
Allocation for FY 2005	6
Allocation for FY 2006	385
Allocation for FY 2007	30
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___%):	Not available yet
Benefit to Cost Ratio at 7%:	Not available yet
Remaining Benefits Remaining Costs Ratio at 7%:	Not available yet

FY 2007 ACTIVITIES: FY 07 funds are being used to complete the draft feasibility report and submit draft report to the Division for review. After approval, report will be released for public review and finalize.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Peterson (PA-05); Senators Specter and Casey (PA)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET

CONSTRUCTION GENERAL  
(SECTION 205- CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Moyer Creek Flood Damage Reduction Study

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended [33U.S.C.701(s)]

LOCATION: Village of Frankfort, NY, approximately 8 miles east of Utica, NY

DESCRIPTION: The study area lies along the lower section of Moyer Creek, a tributary of the Mohawk River. Frequent flooding occurs along Moyer Creek in the study area due to flows which exceed the existing channel's capacity. The heavy flows occur as a result of ice jams, which form at the historic arch bridges. The principal damage areas lie on the right bank of the waterway and include many residential and commercial structures. The purpose of this study is to investigate ways to reduce flood hazards and associated urban damages from ice jams. The study also seeks to maintain fish and wildlife resources of the existing stream, significant cultural attributes of sites found within potential project boundaries, and water quality of the stream in this area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) D&I
Estimated Federal Cost	\$ 1,040
Estimated Non-Federal Cost	0
Cash	\$ 560
Other	0
Total Estimated Cost	\$ 1,600
Allocation thru 2004	\$ 66
Allocation for FY 2005	\$ 14
Allocation for FY 2006	\$ 770
Allocation for FY 2007	\$ 250
Balance to Complete after FY 2007	\$0
Benefit to Cost Ratio Applicable rate (5.625%)	20:1
Benefit to Cost Ratio at 7%	16:1
Remaining Benefits Remaining Costs Ratio at 7%)	16:1

FY 2007 ACTIVITIES: Complete Plans & Specifications, execute PCA and award construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The total Design and Implementation phase (including construction) will be completed in FY 08.

OTHER INFORMATION: Cost-sharing for the Plans and Specifications will be recouped after the PCA is signed for Construction. The Construction phase is estimated to be complete in FY2008.

ADMINISTRATION POSITION: Project is consistent with Administration policy

CONGRESSIONAL INTEREST: Congressional Member: Michael Arcuri NY-24

DISTRICT: New York

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 103 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Coastal Storm Damage Reduction

PROJECT/ STUDY NAME: Nantasket Beach, Hull, Massachusetts

AUTHORIZATION: Section 103 of the River and Harbor Act of 1962, as amended.

LOCATION: Nantasket Beach is located in the Town of Hull, Massachusetts.

DESCRIPTION: The beach is approximately 6,800 feet long and is operated by the Department of Conservation and Recreation (DCR). Continued erosion of Nantasket Beach has greatly reduced its effectiveness to prevent overtopping of the 5,400 foot-long seawall, which was constructed by the DCR to protect backshore areas from hurricane and storm damage. Continued sand loss has also exposed the seawall's footings along most of its length, leaving it subject to undermining and possible collapse. Approximately 500 linear feet at the northern end of the project collapsed in 1992 and a permanent replacement was constructed in 2006. Overtopping of the seawalls has resulted in backshore flooding of some 55 commercial and 26 residential properties. Restoration of the beach would prevent daily tides and annual storm waves from reaching the seawall, substantially reducing repair costs, as well as overtopping of the seawall and the resulting backshore flooding during severe storms.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	435	2,565
Estimated Non-Federal Cost	435	2,647
Cash	(435)	(2,647)
Other	(0)	(0)
Total Estimated Project Cost	870	5,212
Allocations thru FY 2004	209	0
Allocation in FY 2005	74	0
Allocation in FY 2006	71	0
Allocation in FY 2007	60	0
Balance to Complete After FY 2007	21	2,565
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	1.7
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Continue the feasibility study, including draft report preparation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2008.

OTHER INFORMATION: Federal costs are estimated to reach the statutory limit of \$3 million, under Section 103 authority, during project construction. The DCR would be responsible for all future periodic beach nourishment, estimated to cost \$1.2 million over the 50-year project life. The DCR requested the Corps to perform seawall repairs and an additional 1,400 feet of beach nourishment in conjunction with the proposed Federal project. This work is estimated to cost \$6.5 million and would be borne by the DCR.

ADMINISTRATION POSITION: The Administration supports construction of hurricane and storm damage protection projects under Section 103 authority.

CONGRESSIONAL INTEREST: Representative Delahunt (MA-10)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Newton Creek, Newton Avenue NY

AUTHORIZATION: Continuing Authorities Program, Section 14 of the Flood Control Act as amended.

LOCATION: Village of Bainbridge, Chenango County, New York

DESCRIPTION: The project is located in the Village of Bainbridge, Chenango County, New York. The study area includes the stream channel and banks of Newton Creek, which runs between Newton Avenue and Bixby Street within the town. An existing streambank stabilization project consisting of kettle walls, constructed by the Village of Bainbridge marks the upstream limits of the project. A settling basin associated with the upper portion of an existing Corps, channel improvements project defines the downstream limit of the project. The recommended plan is to protect approximately 520 linear feet of Newton Creek from further erosion. The work will entail re-grading the streambanks, providing riprap slope protection and reworking the streambed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Implementation</u>
Estimated Federal Cost	\$ 670
Estimated Non-Federal Cost	536
Cash	
Other	
Total Estimated Cost	\$ 1,206
Allocation thru 2004	\$ 0
Allocation for FY 2005	448
Allocation for FY 2006	222
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5 3/8%) - 1.16	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio at 7% - N/A	

FY 2007 ACTIVITIES: With FY 06 carryover funds, complete construction and close out project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Arcuri (NY-24); Senators Schumer and Clinton (NY)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 14 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Emergency Stream Bank Protection

PROJECT/ STUDY NAME: Partridge Brook, Westmoreland, New Hampshire

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The site is located on the east side of Connecticut River and just south of the junction of Partridge Brook and the Connecticut River in the Town of Westmoreland, New Hampshire. The County municipal wastewater treatment lagoon is located adjacent to the erosion site.

DESCRIPTION: Following an intense two-day storm in September 2003, the entire Cheshire County was declared a Federal disaster area. The storm eroded 15 feet of the stream bank along Partridge Brook near the wastewater treatment plant. Subsequently, large undercuts of the stream banks along Partridge Brook and the Connecticut River have been observed. This erosion could soon threaten the stability of the wastewater treatment embankments and cause them to collapse into the Connecticut River.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	200	350
Estimated Non-Federal Cost	0	274
Cash	(0)	(274)
Other	(0)	(0)
Total Estimated Project Cost	200	624
Allocations thru FY 2004	62	0
Allocation in FY 2005	90	0
Allocation in FY 2006	48	0
Allocation in FY 2007	0	350
Balance to Complete After FY 2007	0	0
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	4.0
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Planning and Design Analysis (PDA) efforts were completed in August of 2006. Upon project approval, FY 2007 funds will be used to execute a Project Cooperation Agreement with the County of Cheshire, New Hampshire, advertise and award a fully funded contract, and initiate and complete construction of stream bank protection measures.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project construction in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports emergency shoreline protection of public facilities under Section 14 authority.

CONGRESSIONAL INTEREST: Senator Gregg (NH)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 205 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Flood Damage Reduction

PROJECT/ STUDY NAME: Passumpsic River, Lyndonville, Vermont

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended.

LOCATION: The Town of Lyndonville in located in northern Vermont.

DESCRIPTION: Flooding occurred in June 2002 damaging residential and commercial properties located along the east side of the Passumpsic River upstream of Vail Dam. The Town requested assistance from the Corps to investigate flooding problems along the Passumpsic River. Vail Dam is operated by the town as a small municipal hydroelectric facility, which produces a small portion of the electricity used by the town. Initial plan formulation determined that a system of levees and sheet piling would reduce the risk of low lying areas from future flood; however, the benefits of the project did not outweigh the costs. Project economics did not justify further Federal involvement and the study was terminated in June 2006.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>
Estimated Federal Cost	100
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Project Cost	100
Allocations thru FY 2004	33
Allocation in FY 2005	26
Allocation in FY 2006	41
Allocation in FY 2007	0
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (5 3/8%)	0.2
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility study was terminated in FY 2006.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would not support economically unjustified flood damage reduction projects under Section 205 authority.

CONGRESSIONAL INTEREST: Senators Leahy (VT) and Sanders (VT)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Patuxent River, Patuxent Beach Road, MD

AUTHORIZATION: Continuing Authorities Program, Section 14 of the Flood Control Act of 1946, as amended

LOCATION: St. Mary's County, Maryland

DESCRIPTION: St. Mary's County requested assistance in addressing erosion behind the bulkhead located along Patuxent Beach Road, which is caused by continuous wave action. In recent years the erosion behind the bulkhead has increased. Efforts to control this erosion are on-going but large eroded sinkholes still form. Further erosion will compromise the stability and safety of the road located along the bulkhead. The recommended plan is to construct a 1,300 linear foot stone revetment to protect against further shoreline erosion.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Implementation</u>
Estimated Federal Cost	\$ 685
Estimated Non-Federal Cost	538
Cash	538
Other	0
Total Estimated Cost	\$ 1,223
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	685
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5 3/8%) – 1.4	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio at 7% - N/A	

FY 2007 ACTIVITIES: FY 07 funds will be used to execute a Project Cooperation Agreement (PCA), and to fully fund and award a construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY08

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Steny Hoyer (MD-05); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007



FACT SHEET  
 CONSTRUCTION GENERAL  
 (CONTINUING AUTHORITIES PROGRAM - Section 14)  
 Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Delaware Canal at Paunacussing Creek, Bucks County, PA

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, as amended (streambank and shoreline erosion protection).

**LOCATION:** The area is located along the Delaware River in the vicinity of Paunacussing Creek in Bucks County, Pennsylvania. The project area extends about 1,200 feet northward from the point at which the Paunacussing crosses beneath the Delaware Canal and meets the Delaware River, in Bucks County, Pennsylvania.

**DESCRIPTION:** Stream erosion is threatening the aged retaining wall at the Delaware River and tow path along the historic Delaware Canal. This Section 14 project applies to repair of that retaining wall which supports an earthen embankment area, separating the Delaware Canal from the Delaware River. Portions of the wall are in greater disrepair than others and if the embankment should fail in any washed out areas, breaches are likely to destroy a significant portion of the Canal and towpath. The tow path (originally constructed for mules and horses to pull barges along the Canal) is heavily used for recreation and is an important part of the economy. The Delaware Canal is a designated National Historic Landmark; the towpath is a National Heritage Hiking Trail.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>DESIGN AND IMPLEMENTATION PHASE</u></b>
Estimated Federal Cost	\$ 422,800
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$ 422,800
Allocation thru FY 2004	\$ 236,000
Allocation for FY 2005	\$ 13,800
Allocation for FY 2006	\$ 173,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Project is being terminated based upon recent determinations regarding costs and withdrawal of sponsorship (Pennsylvania Department of Conservation and Natural Resources).

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 14.

**CONGRESSIONAL INTEREST:** Sen. Specter and Casey (PA) and Rep. Murphy (PA-08)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 103)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Philadelphia Shipyard Sea Wall, Philadelphia, PA

**AUTHORIZATION:** Section 103 of the River and Harbor Act of 1962. (Beach Erosion and HSDR)

**LOCATION:** The project area is situated along the Delaware River in the City of Philadelphia, PA, near the confluence of the Schuylkill River and the Delaware River. The sea wall is located within the Philadelphia Naval Shipyard.

**DESCRIPTION:** The sea wall extends eastward approximately 6700 feet along the Delaware River. Most portions of the wall and its supporting pilings are more than 100 years old; severe deterioration is threatening existing buildings and utilities located in the National Register Historic District. Additionally, the poor condition of the sea wall limits future redevelopment opportunities at the Navy Yard.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$198,000
Estimated Non-Federal Cost	\$ 98,000
Total Estimated Project Cost	\$296,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$198,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** \$37,000 of the carryover funds are being used to finalize the Initial Appraisal Report and initiate the feasibility study. The balance of the carryover (\$98,000) cannot be used until a Feasibility Cost Sharing Agreement is executed.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The FY 2006 Conference Bill (the Energy and Water Development Appropriations Act, 2006 - P.L. 109-103) includes a moratorium on execution of new agreements. This project cannot proceed until the FCSA moratorium is lifted in the Continuing Authorities Program.

**OTHER INFORMATION:** The City of Philadelphia submitted an updated Letter of Intent dated August 25, 2006. This letter authorizes the Philadelphia Industrial Development Corporation and the associated Philadelphia Authority for Industrial Development to represent the City on project matters. Seawall repairs to protect the structures at the Naval Yard are necessary prior to implementing City plans for economic development of the site.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 103.

**CONGRESSIONAL INTEREST:** Sen. Specter (PA); Rep. Brady (PA-1)

**DISTRICT:** Philadelphia

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Pleasure Island, Baltimore County, MD

AUTHORIZATION: Continuing Authorities Program, Section 103 of the River and Harbor Act of 1962, as amended

LOCATION: Baltimore County, MD

DESCRIPTION: Pleasure Island is an island offshore of North Point in Baltimore County, Maryland. The area was severely impacted by Hurricane Isabel in September 2003, resulting in millions of dollars in damages to the community. Currently much of the community is protected by Pleasure Island, a small remnant island that serves as a natural breakwater. The island is severely eroding and was substantially damaged during hurricane Isabel. The initial appraisal identifying a Federal interest was completed on 30 November 2004. The proposed project consists of a sill and breakwater system combined with marsh and beach restoration. The project is also expected to protect and restore the island habitat.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 293
Estimated Non-Federal Cost	193
Cash	
Other	
Total Estimated Cost	\$ 486
Allocation thru 2004	\$ 19
Allocation for FY 2005	3
Allocation for FY 2006	271
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___%):	Not available yet
Benefit to Cost Ratio at 7%:	Not available yet
Remaining Benefits Remaining Costs Ratio at 7%:	Not available yet

FY 2007 ACTIVITIES: FY 06 carryover funds are being used to complete the Project Management Plan (PMP). No other work will be performed this year due to the moratorium on signing feasibility cost sharing agreements (FCSA) in the Continuing Authorities Program.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If the FCSA moratorium is lifted in FY 08, the feasibility study could be completed early in FY 09 with optimum funding.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Ruppertsberger (MD-02); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 205-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Poplar Brook, NJ

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended (33 U.S.C. 701s).

LOCATION: Township of Ocean, Monmouth County, New Jersey

DESCRIPTION: A recurring flooding problem exists along Poplar Brook as a result of restrictive flow characteristics due to insufficient cross-sectional areas of the channel and several inadequately sized culverts. The specific opportunities identified for this study are aimed at reducing the flood hazards and associated urban damages from fluvial floods; maintaining the fish and wildlife resources of the existing stream; maintaining the cultural attributes of significant sites found within potential project boundaries; and maintaining the integrity of water quality of the stream in the study area.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$ 950
Estimated Non-Federal Cost	\$ 850
Cash	\$ 850
Other	\$ 0
Total Estimated Cost	\$ 1,800
Allocation thru 2004	\$ 627
Allocation for FY 2005	\$100
Allocation for FY 2006	\$ 0
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 223 + \$6,000*
Benefit to Cost Ratio Applicable rate (4.875%)	Not Available
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

\* Balance to Complete D&I Phase

FY 2007 ACTIVITIES: Work includes ongoing effort to complete the Detailed Project Report (DPR). The earliest possible completion date for the report will be FY08.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The Feasibility Phase would be completed in FY08.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Frank Pallone, NJ-6

DISTRICT: New York

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 14 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Emergency Shoreline Protection

PROJECT/ STUDY NAME: Quoddy Narrows, South Lubec Road, Lubec, Maine

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: Coastal bluff erosion is threatening about 500 feet of roadway along the north side of South Lubec Road along the isthmus to West Quoddy Head in Lubec, Maine. The endangered roadway is located on a bluff and is the only access to Quoddy Head State Park, a U.S. Coast Guard station and several private residences.

DESCRIPTION: Severe erosion at the slope’s base, the result of wave action and groundwater seepage, has resulted in bank instability. Investigations determined that construction of a bioengineering solution, Branch Boxes, was the most cost effective and physically viable erosion control alternative considering the existing site conditions. The project would involve the construction of a 500-linear foot wave break from dead plant materials in the inter-tidal zone. The structure will disrupt erosive wave energy prior to reaching the bank and trap sediment to provide substrate conditions for salt marsh to become established through natural recruitment of seeds and rhizomes. No significant long or short-term adverse impacts to the environment are anticipated. Construction will be between September and June when conditions permit minimum impact to anadromous fish, shore bird migrations and nesting seasons.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	175	174
Estimated Non-Federal Cost	0	166
Cash	(0)	(166)
Other	(0)	(0)
Total Estimated Project Cost	175	340
Allocations thru FY 2004	20	0
Allocation in FY 2005	75	0
Allocation in FY 2006	45	0
Allocation in FY 2007	35	0
Balance to Complete After FY 2007	0	174
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	4.0
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete Planning and Design Analysis (PDA) efforts, including preparation of an Environmental Assessment, Decision Document and project plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports emergency shoreline protection of public facilities under Section 14 authority.

CONGRESSIONAL INTEREST: Senators Collins (ME) and Snowe (ME), and Representative Michaud (ME-02)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 205 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Flood Damage Reduction

PROJECT/ STUDY NAME: Salmon River, Haddam & East Haddam, Connecticut

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended.

LOCATION: The Salmon River is a tributary of the Connecticut River and is located in south central Connecticut in the towns of Haddam and East Haddam.

DESCRIPTION: The Salmon River is approximately 20 miles in length and has a watershed that encompasses 150 square miles. In 1979, the State of Connecticut lowered Leesville Dam approximately 10 feet from its original height of 22 feet for safety reasons and to construct a fish ladder. Since then, ice breakups that historically were retained at the dam now pass over the weir crest and jam at the tidal reaches below the dam flooding residential properties. Over the past two decades ice jam flooding has become more frequent. To mitigate downstream ice jam flooding, New England District and CRREL designed a pier-type ice control structure to retain the ice breakup at a location approximately 200 feet upstream of the Leesville Dam. The ice control structure consists of a series of concrete piers and a flow relief channel. Nine (9) concrete monoliths will span the main channel of the river with a center-to-center spacing of 14 feet. The project includes excavation of approximately 7,500 cubic yards of existing sand/gravel riverbed material in order to construct a sediment basin adjacent to the ice control structure.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Plans &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	190	1,370
Estimated Non-Federal Cost	0	840
Cash	(0)	(826)
Other	(0)	(14)
Total Estimated Project Cost	190	2,210
Allocations thru FY 2004	165	0
Allocation in FY 2005	25	456
Allocation in FY 2006	0	650
Allocation in FY 2007	0	264
Balance to Complete After FY 2007	0	0
Benefit to Cost Ratio Applicable rate (5 7/8%)	N/A	1.85
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete construction of the project in September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project construction in FY 2007.

OTHER INFORMATION: Project was approved and funds committed for construction on 9 September 2004. The Project Cooperation Agreement was signed with the Connecticut Department of Environmental Protection on 18 February 2005. Continuing contract was awarded on 6 July 2005 to initiate construction.

ADMINISTRATION POSITION: The Administration supports economically justified flood damage reduction projects completed under Section 205 authority.

CONGRESSIONAL INTEREST: Senators Dodd (CT) & Lieberman (CT), and Representative Courtney (CT-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 14-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: South Branch, Rahway River, NJ

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended (33 U.S.C. 701r).

LOCATION: Township of Woodbridge, Middlesex County, New Jersey

DESCRIPTION: The study area is located along the south branch of the Rahway River, Middlesex County, New Jersey. Its tributaries run along mileposts 130.5 to 132.2 of the Garden State Parkway. At certain discrete areas along river, stream bank erosion is threatening certain critical facilities. These facilities include parts of the Garden State Parkway, side roads and other utilities. If left unchecked, these critical facilities will fail due to loss of support material. The New Jersey Turnpike-Garden State Parkway Authority (NJTGSPA) has agreed to be the local sponsor for the project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>PDA/Study</u>
Estimated Federal Cost	\$ 307
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 307
Allocation thru 2004	\$ 151
Allocation for FY 2005	\$ 54
Allocation for FY 2006	\$ 51
Allocation for FY 2007	\$ 70
Balance to Complete after FY 2007	\$0 + \$500K*
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

\*Balance to complete next phase

FY 2007 ACTIVITIES: FY07 activities include completion of Plans and Specifications and the Planning Design Analysis Phase of the project in August 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest the Planning Design Analysis Phase could be completed is FY07.

OTHER INFORMATION:

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Mike Ferguson, NJ-7; Donald Payne, NJ-10; Albio Sires, NJ-13

DISTRICT: New York

Date: 3 April 2007

FACT SHEET  
Continuing Authorities Program

**BUSINESS PROGRAM:** Flood & Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** St. Mary's River, St. Mary's County, MD

**AUTHORIZATION:** Continuing Authorities Program, Section 103 of the River and Harbor Act of 1962, as amended

**LOCATION:** St. Mary's County, Maryland

**DESCRIPTION:** The shoreline of St. Mary's River, along St. Mary's College, is eroding rapidly due to tidal surges, littoral drift and storm-generated waves. The erosion is threatening property, structures and infrastructure. The College holds significant water-related events along their shoreline, including rowing activities, summertime concerts, the Governor's Cup race and training for the Special Olympics. The College also encourages the use of their docks and shoreline for visiting privately-owned boats. Northeast of the College's property lies Maryland State Highway 5 and a number of utilities. These utilities include mainline and local power supply, telephone and cable TV lines, water supply, and sewerage. If the erosion continues, it will result in damage to or loss of the State Highway and most of the adjacent utilities. The project study focused on solutions to minimize the adverse economic, recreational, cultural and ecological impacts from erosion.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>FY 2007 (\$000)</u></b>
Estimated Federal Cost	<u>Feasibility</u> \$ 400
Estimated Non-Federal Cost	
Cash	
Other	
Total Estimated Cost	\$ 400
Allocation thru 2004	\$ 20
Allocation for FY 2005	350
Allocation for FY 2006	30
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5 3/8%)	0.7
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio at 7% - N/A	

**FY 2007 ACTIVITIES:** None

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility phase was completed in FY 06.

**OTHER INFORMATION:** The study resulted in a negative report.

**ADMINISTRATION POSITION:** Not consistent with Administration's policy due to negative report.

**CONGRESSIONAL INTEREST:** Congressman Hoyer (MD-05); Senators Mikulski and Cardin (MD)

**DISTRICT:** Baltimore

**Date:** 3 April 2007



FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 205)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Upper Delaware River Watershed Flood Mitigation, NY  
(Livingston Manor)

**AUTHORIZATION:** Section 205 Flood Control Act of 1948 as amended.

**LOCATION:** The study area is located in the hamlet of Livingston Manor at the confluence of the Willowemoc and Little Beaverkill Creeks, in the Town of Rockland, Sullivan County, NY.

**DESCRIPTION:** The project is a combination flood damage reduction and ecosystem restoration study with the State of New York as the principal sponsor and the participation of Trout Unlimited (TU), The Nature Conservancy (TNC) and the Open Space Institute (OSI). Livingston Manor has suffered record flooding five times in the last ten years and the first recorded flood fatality last June. The study includes structural and nonstructural flood protection and flood proofing, real estate acquisition, flood plain, wetlands and ecosystem restoration and habitat improvement.

**SUMMARIZED FINANCIAL DATA:**

**Feasibility**

Estimated Federal Cost	\$ 400,000
Estimated Non-Federal Cost	\$ 300,000
Total Estimated Project Cost	\$ 700,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 100,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY07:	\$ 300,000
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Carryover in the amount of \$68,000 is being used to complete a Project Management Plan and Feasibility Cost Share Agreement and continue data collection activities.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The FY 2006 Conference Bill (the Energy and Water Development Appropriations Act, 2006 - P.L. 109-103) includes a moratorium on execution of new agreements. This project cannot proceed until the FCSA moratorium is lifted in the Continuing Authorities Program.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** The Administration supports economically and environmentally justified combination flood damage reduction and ecosystem restoration projects under Section 205 authority.

**CONGRESSIONAL INTEREST:** Sen. Schumer & Clinton NY; Rep. Hinchey (NY-22)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION  
(SECTION 14 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Emergency Stream Bank Protection

PROJECT/ STUDY NAME: Westfield River, Agawam, Massachusetts

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The City of Agawam is located in central Massachusetts. The erosion site is located along the south bank of the Westfield River in the vicinity of Main Street.

DESCRIPTION: The Agawam Water and Sewer Department requested Corps assistance in providing emergency stream bank stabilization for a 100 linear-foot reach of riverbank along the Westfield River off of Main Street. In this reach a section of sewer line is in close proximity of the Westfield River. Riverbank slumping and subsequent erosion, particularly during high water and flow events, has endangered the sewer line to exposure. The endangered sewer line is located on a bluff about 45 feet above normal river stage. Severe erosion at the base of the slope, the result of groundwater seepage and riverine action, has resulted in bank instability. At the most critical section, the edge of the eroded scarp is about 10 feet from the sewer line. The recommended plan involves driving steel sheet pile along 100 feet of riverbank to provide protection to the manhole and portion of the sewer line closest to the eroding slope.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	200	126
Estimated Non-Federal Cost	0	154
Cash	(0)	(154)
Other	(0)	(0)
Total Estimated Project Cost	200	280
Allocations thru FY 2004	115	0
Allocation in FY 2005	20	0
Allocation in FY 2006	40	0
Allocation in FY 2007	25	0
Balance to Complete After FY 2007	0	126
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	20.0
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete Planning and Design Analysis (PDA) efforts, including preparation of an Environmental Assessment, Decision Document and project plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports emergency stream bank protection of public facilities under Section 14 authority.

CONGRESSIONAL INTEREST: Representative Neal (MA-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 14 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Emergency Steam Bank Protection

PROJECT/ STUDY NAME: Westfield River, Old Route 9, Cummington, Massachusetts

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The Town of Cummington is located in the west-central Massachusetts. The erosion site is located along the north bank of the Westfield River adjacent to West Main Street.

DESCRIPTION: Riverine erosion is currently threatening a 500 linear foot section of West Main Street. The roadway supports mostly residential traffic with access to nearby State Highway Route 9. In addition to the roadway, an underground water supply pipe and electrical utility poles are being threatened. Sections of the roadway have recently collapsed due to undermining of the bank from high river storm flows. The proposed project involves construction of 2.5-foot thick rip rap stone slope protection on the affected riverbank's lower and mid slope. On the upper slope, a turf reinforcement membrane would be placed under 6 inches of topsoil and seeded. A riprap buffer would be constructed approximately 25 feet into the river from the toe of the riverbank. Riverine material, mostly sands and gravel from a mid-channel shoal, would be relocated and placed between the slope protection and the buffer. This area would be planted with riparian trees and vegetation. Appropriate silt control measures (e.g. floating silt fencing) would be implemented throughout construction.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	170	150
Estimated Non-Federal Cost	0	150
Cash	(0)	(150)
Other	(0)	(0)
Total Estimated Project Cost	170	300
Allocations thru FY 2004	16	0
Allocation in FY 2005	17	0
Allocation in FY 2006	87	0
Allocation in FY 2007	50	0
Balance to Complete After FY 2007	0	150
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	2.0
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete Planning and Design Analysis (PDA) efforts, including preparation of an Environmental Assessment, Decision Document and project plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports emergency stream bank protection of public facilities under Section 14 authority.

CONGRESSIONAL INTEREST: Representative Neal (MA-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 14 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP – Emergency Shoreline Protection

PROJECT/ STUDY NAME: Windsor Pond Reservoir, Dalton, Massachusetts

AUTHORIZATION: Section 14 of the Flood Control Act of 1946, as amended.

LOCATION: The Town of Dalton is located in western Massachusetts about 5 miles east of Pittsfield, Massachusetts. Windsor Pond Reservoir is located in the town of Windsor and is a possible drinking water supply for the town of Dalton.

DESCRIPTION: Heavy rainfall caused a feeder brook of Windsor Pond Reservoir to overflow its banks causing severe erosion along a section of Wahconah Falls Road. Continued erosion would undermine the roadway resulting in possible collapse of this section of the roadway and increased turbidity in Windsor Pond Reservoir. Planning and Design Analysis (PDA) efforts were initiated; however, stream bank protection measures are no longer necessary as the Town of Windsor has constructed protection measures along Wahconah Falls Road in Dalton, Massachusetts. Remaining funds were used to review possible environmental ecosystem restoration alternatives that could be pursued under Section 206 Authority; however, various alternatives to reduce turbidity in Windsor Reservoir would result in only minimal habitat restoration benefits. A termination letter was sent to the town in June 2006.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>
Estimated Federal Cost	139
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Project Cost	139
Allocations thru FY 2004	0
Allocation in FY 2005	84
Allocation in FY 2006	55
Allocation in FY 2007	0
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PDA efforts were terminated in FY 2006.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports emergency shoreline protection of public facilities under Section 14 authority.

CONGRESSIONAL INTEREST: Representative Olver (MA-1)

DISTRICT: New England District.

Date: 5 April 2007

# COMMERCIAL NAVIGATION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Portsmouth Harbor & Piscataqua River, Upper Turning Basin, New Hampshire and Maine

AUTHORIZATION: Section 437 of the Water Resources Development Act of 2000.

LOCATION: Portsmouth Harbor is located at the mouth of the Piscataqua River along the state boundary between New Hampshire and Maine.

DESCRIPTION: Portsmouth Harbor is the only deep-water port in New Hampshire and is New England's fifth largest port. The Federal project provides for about 6 miles of tidewater channel and turning basins, 35 feet deep and 400 to 1,000 feet wide, extending from deep water at the entrance of the harbor up the Piscataqua River. WRDA 1986 authorized the enlargement of the two lower turning basins and some channel reaches to accommodate larger tank ships (petroleum and liquefied natural gas) and bulk cargo carriers. These improvements were completed in 1990. The upper turning basin and approach channel were not enlarged or widened at that time and the New Hampshire Port Authority now believes that increased navigation traffic warrants these improvements. Section 437 of WRDA 2000 authorizes a study to determine the feasibility of widening the upper turning basin to 1,000 feet. A 905(b) report was completed in August 2004 and approved in October 2004. A Feasibility Cost-Sharing Agreement was signed with the New Hampshire Pease Development Authority on 12 June 2006.

SUMMARIZED FINANCIAL DATA (\$000):

	<u>Study</u>
Estimated Federal Cost	500
Estimated Non-Federal Cost	400
Cash	(400)
Other	(0)
Total Estimated Project Cost	900
Allocations thru FY 2004	75
Allocation in FY 2005	25
Allocation in FY 2006	25
Allocation in FY 2007	120
Balance to Complete After FY 2007	255
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility study; including interagency coordination, hydrographic surveys, subsurface investigations, cultural resource surveys and initial plan formulation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study is scheduled to be completed in FY 2009.

OTHER INFORMATION: Maintenance dredging of the 35-foot channel in the upper harbor reach was completed in FY 2001, and is required about every five years. The upper harbor reach is narrow, winding and subject to severe tidal currents. Widening the upper turning basin and channel would require extensive ledge removal and was estimated to cost \$15 million in the 1984 feasibility report. Funds to continue the feasibility study are not included in the FY 2008 Budget. Study efforts will be suspended until the construction backlog is reduced and funds become available to continue this effort.

ADMINISTRATION POSITION: The Administration supports study of deep-draft commercial navigation projects.

CONGRESSIONAL INTEREST: Senators Sununu (NH) and Gregg (NH), and Representative Shea-Porter (NH-01)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Searsport Harbor, Searsport, Maine

AUTHORIZATION: House Resolution dated 26 July 2000.

LOCATION: Searsport Harbor is located at the head of Penobscot Bay, about 26 miles south of Bangor, Maine.

DESCRIPTION: Searsport Harbor provides a local fishing and recreational boating harbor to the west, and a deep-draft commercial industrial harbor at Mack Point to the east. The existing Federal project at Searsport Harbor includes a 35-foot channel and turning basin which provides access to the terminal facilities at Mack Point. These facilities have direct rail access to Bangor and serve petroleum and bulk cargo importers and forest product exporters. The Maine Department of Transportation recently upgraded the facilities at Mack Point, including berth deepening to 42 feet. In 2004, waterborne commerce totaled 1.8 million tons. The State has requested the Corps to examine deepening of the existing 35-foot channel and turning basin to eliminate tidal delays and support the State's expanded commercial shipping operations at Searsport Harbor. The Section 905(b) Analysis Report was certified on 24 September 2004. A Feasibility Cost-Sharing Agreement was signed with the Maine Department of Transportation on 7 December 2005.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Study</u>
Estimated Federal Cost	600
Estimated Non-Federal Cost	500
Cash	(500)
Other	(0)
Total Estimated Project Cost	1,100
Allocations thru FY 2004	75
Allocation in FY 2005	31
Allocation in FY 2006	124
Allocation in FY 2007	90
Balance to Complete After FY 2007	280
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility study, including hydrographic surveys, subsurface investigations, sediment testing, benthic and cultural resource surveys and initial plan formulation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study is scheduled to be completed in FY 2009.

OTHER INFORMATION: Maintenance dredging of the 35-foot channel has not been necessary since its completion in 1964, until now, due to low shoaling rates. The State's plan to develop an adjacent area (Sears Island) as a container terminal was cancelled in the early 1990's due to public controversy over environmental impacts. Environmental interests had favored redevelopment of the facilities at Mack Point, which the State has now constructed. Funds to continue the feasibility study are not included in the FY 2008 Budget. Study efforts will be suspended until the construction backlog is reduced and funds become available to continue this study effort. Maintenance and improvement activities would be conducted concurrently.

ADMINISTRATION POSITION: The Administration supports study of deep-draft commercial navigation projects.

CONGRESSIONAL INTEREST: Senators Snowe (ME) and Collins (ME), and Representative Michaud (ME-02)

DISTRICT: New England District.

Date: 5 April 2007



# CONSTRUCTION

FACT SHEET  
Operations and Maintenance (O&M) General  
Enacted Studies and Projects  
Absecon, Inlet, NJ

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Absecon Inlet, Atlantic County, New Jersey

AUTHORIZATION: Authorized by the Act of September 22, 1922 (HD 375, 67th Congress, 2nd Session) and July 24, 1946 (HD 504, 79th Congress, 2nd Session).

LOCATION: The Inlet is located on the coast of New Jersey about 65 miles north of Delaware breakwater, between Brigantine Island on the north and Absecon Beach on the south. It forms the entrance to the harbor at Atlantic City, NJ.

DESCRIPTION: The project provides for an inlet entrance 20 feet deep at mean low water and 400 feet wide, an entrance channel 15 feet deep and 200 feet wide from the inlet channel into Clam Creek, and a turning basin 15 feet within Clam Creek as approved by HD 375, 67th Congress and HD 504, 79th Congress. The total length of the section included in the project is about 1 and one-half miles.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study/PED/Construction (Identify one)</u>
Estimated Federal Cost	\$ 0
Estimated Non-Federal Cost	\$ 0
Cash	\$ 0
Other	\$ 0
Total Estimated Cost	\$ 0
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 28
Allocation for FY 2006	\$ 98
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate	%
Benefit to Cost Ratio at 7%	
Remaining Benefits Remaining Costs Ratio at 7%	

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: No funds for continued maintenance of shallow draft navigation projects.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Rep. Frank A. LoBiondo (R NJ-2); Rep. Rodney Frelinghuysen (R NJ-11) Sen. Frank Lautenberg (D NJ) & Sen. Robert Menendez (D NJ)

DISTRICT: Philadelphia

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Navigation

**PROJECT NAME AND STATE:** Delaware River Main Channel Deepening, NJ, DE & PA

**AUTHORIZATION:** Section 101 (6) of WRDA 1992, as amended by Section 308 of WRDA 1999 and Section 306 of WRDA 2000.

**LOCATION:** The project area is located within the Delaware Estuary and borders PA, NJ and DE.

**DESCRIPTION:** The project extends over 100 miles, and calls for modifying the existing Delaware River Federal Navigation channel from 40 to 45 feet following the existing channel alignment from Delaware Bay to Philadelphia Harbor and the Beckett Street Terminal, Camden, NJ. The plan of improvement will also include appropriate bend widening and deepening of the Marcus Hook Anchorage Area.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b> 1/
Estimated Federal Cost	\$202,980,000
Estimated Non-Federal Cost	\$ 80,700,000
Total Estimated Cost	\$283,680,000

Allocation thru FY 2004	\$ 8,536,000
Allocation for FY 2005	\$ 1,366,000
Allocation for FY 2006	\$ 1,073,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$192,005,000

Benefit to Cost Ratio Applicable Rate (5.625%)

Benefit to Cost Ratio at 7%	1.03
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Remaining Benefits Remaining Costs Ratio at 7%	1.3
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1/ Amounts include PED costs and does not include inflation to mid construction.

**FY 2007 ACTIVITIES:** Carry over funds (\$1,112,000) are being used to continue coordination with the State of New Jersey and Pennsylvania for beneficial use of dredged material, complete air conformity coordination and to continue coordination with the State of Delaware on the Subaqueous Land and Wetland Permit. Funds are also being used to coordinate and negotiate with the project sponsor on the Project Cooperation Agreement.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funding completion date is unknown.

**OTHER INFORMATION:** Project is economically feasible and approved by ASA(CW), March 2004. Total funds reprogrammed out of the project are \$42,600,000 (1998 to 2005). The non-Federal sponsor is the Delaware River Port Authority (DRPA).

**ADMINISTRATIVE POSITION:** The Administration supports this project based on high-priority commercial navigation benefits.

**CONGRESSIONAL INTEREST:** Sen. Specter (PA) & Sen. Casey (PA)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION  
(SECTION 107 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Navigation

PROJECT/ STUDY NAME: Bucks Harbor, Machiasport, Maine

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Bucks Harbor is located in the Town of Machiasport, Maine, on the west coast of Machias Bay.

DESCRIPTION: Bucks Harbor includes an inner and outer harbor, and is home to a large commercial fleet of about 70 fishing, lobstering and aquaculture support vessels. An existing Federal project, completed in 1974, provides an 11-acre anchorage area 8 feet deep. The commercial boats in the harbor currently experience significant tidal delays, congestion delays, and damages because of inadequate space in the harbor. The feasibility study is examining alternatives to reduce or eliminate these problems. Maintenance dredging of the existing project features is also required, and maintenance and improvement activities would be conducted concurrently.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	215	630
Estimated Non-Federal Cost	115	70
Cash	(115)	(70)
Other	(0)	(0)
Total Estimated Project Cost	330	700
Allocations thru FY 2004	142	0
Allocation in FY 2005	31	0
Allocation in FY 2006	0	0
Allocation in FY 2007	42	0
Balance to Complete After FY 2007	0	630
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	6.7
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete feasibility study of navigation improvements, including preparation of an Environmental Assessment and final Feasibility Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: An FCSA was executed with the Town of Machiasport on 6 February 2004 and all non-Federal cost-share funds are in-hand.

ADMINISTRATION POSITION: Since limited funding is available to maintain low-use navigation projects it is unlikely that Section 107 projects, once completed, would be able to compete for maintenance funding. Therefore, the Administration has not supported funding of low-use navigation projects for this program in the FY 2008 budget.

CONGRESSIONAL INTEREST: Senators Collins (ME) & Snowe (MEI) & Representative Michaud (ME-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 107 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Navigation

PROJECT/ STUDY NAME: Charlestown Breachway and Ninigret Pond, Rhode Island

AUTHORIZATION: Section 107 Rivers and Harbors Act of 1960, as amended.

LOCATION: The Charlestown Breachway is located along the south coast of Rhode Island in the Town of Charlestown, Washington County.

DESCRIPTION: An artificial inlet know as the breachway was locally constructed in the 1950's to provide navigation from deep water in Block Island Sound to Ninigret Pond, and to improve shellfish propagation in the pond. A number of large boulders in the inlet and its seaward approaches create a serious hazard to navigation. A plan to clear the inlet and approaches was approved by CENAD on 26 May 2005 as the basis for preparing plans and specifications for this small navigation project.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Plan &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	100	90	300
Estimated Non-Federal Cost	0	0	39
Cash	(0)	(0)	(39)
Other	(0)	(0)	(0)
Total Estimated Project Cost	100	90	339
Allocations thru FY 2004	55	0	0
Allocation in FY 2005	45	0	0
Allocation in FY 2006	0	89	0
Allocation in FY 2007	0	1	0
Balance to Complete After FY 2007	0	0	300
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	N/A	1.5
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

FY 2007 ACTIVITIES: Complete project design including preparation of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007 and construction in FY 2008.

OTHER INFORMATION: An ecosystem restoration study at Ninigret Pond, Rhode Island, which is in the same vicinity of Charlestown Breachway, was approved in November 2001 for implementation under Section 206 of WRDA 1996, Aquatic Ecosystem Restoration Continuing Authorities Program. Environmental dredging of Ninigret Pond is ongoing and scheduled to be completed in FY 2008.

ADMINISTRATION POSITION: Since limited funding is available to maintain low-use navigation projects it is unlikely that Section 107 projects, once completed, would be able to compete for maintenance funding. Therefore, the Administration has not supported funding of low-use navigation projects for this program in the FY 2007 budget. However, as this project is limited to a one-time boulder removal effort, no future operations and maintenance costs would occur.

CONGRESSIONAL INTEREST: Senators Reed (RI) & Whitehouse (RI), & Representative Langevin (RI-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 107 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Navigation

PROJECT/ STUDY NAME: East Boat Basin Navigation Improvement, Cape Cod Canal, Sandwich, Massachusetts

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: East Boat Basin is a small harbor located along the south bank of the Cape Cod Canal in Sandwich, Massachusetts near the canal's east end.

DESCRIPTION: The Cape Cod Canal is owned and operated by the Army Corps of Engineers, and provides a waterway connecting Buzzards Bay with Cape Code Bay and points north. The Town of Sandwich operates the East Boat Basin under a lease agreement with the Corps of Engineers. The basin is an active commercial and recreational harbor, serving a current fleet of about 150 vessels, of which 45 are commercial vessels. The mooring basin was constructed in the 1930's as part of the Cape Cod Canal project. Due to the high demand for boating space in the area from both commercial operators and recreational boaters, the Town of Sandwich requested a study to examine expanding the basin.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	250	2,160
Estimated Non-Federal Cost	150	240
Cash	(150)	(240)
Other	(0)	(0)
Total Estimated Project Cost	400	2,400
Allocations thru FY 2004	65	0
Allocation in FY 2005	26	0
Allocation in FY 2006	0	0
Allocation in FY 2007	80	0
Balance to Complete After FY 2007	79	2,160
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	2.0
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Continue feasibility study of navigation improvements, including plan formulation and evaluation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2008.

OTHER INFORMATION: A FCSA was executed with the Town of Sandwich on 12 January 2005. Maintenance and improvement activities would be conducted concurrently.

ADMINISTRATION POSITION: Since limited funding is available to maintain low-use navigation projects it is unlikely that Section 107 projects, once completed, would be able to compete for maintenance funding. Therefore, the Administration has not supported funding of low-use navigation projects for this program in the FY 2008 budget.

CONGRESSIONAL INTEREST: Representative Delahunt (MA-10)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 107 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Navigation

PROJECT/ STUDY NAME: Hampton Harbor, Hampton, New Hampshire (Blackwater River)

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Hampton Harbor is located in Rockingham County on the east coast of New Hampshire about 10 miles south of Portsmouth.

DESCRIPTION: The existing Federal project was authorized in 1964 under Section 107 and provides for an 8-foot entrance channel and seaward extensions of two stone jetties. The existing project was completed in 1965 and last maintained in 1987. The 1964 project was essentially development of a new harbor with little existing navigation. Accordingly, Federal project features were limited to the harbor entrance and inlet, while the state developed the inner harbor. Since the 1960s Hampton Harbor has grown to be the State's largest commercial fishing port and the State has requested the Corps examine inner harbor anchorage improvements for the commercial fleet. Study activities were delayed pending construction of the Section 227 National Erosion Control Demonstration Project for Seabrook Harbor, which is now complete and was designed in part to reduce shoaling in the inner harbor.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	160	1,710
Estimated Non-Federal Cost	60	190
Cash	(60)	(190)
Other	(0)	(0)
Total Estimated Project Cost	220	1,900
Allocations thru FY 2004	105	0
Allocation in FY 2005	0	0
Allocation in FY 2006	54	0
Allocation in FY 2007	1	0
Balance to Complete After FY 2007	0	1,710
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	1.31
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete feasibility study of navigation improvements, including preparation of an Environmental Assessment and final Feasibility Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: A Feasibility Cost-Sharing Agreement was executed on 17 October 2003 with the Pease Development Authority, Division of Ports and Harbors, an agency of the State of New Hampshire. The Pease Development Authority has provided their full share of study costs.

ADMINISTRATION POSITION: Since limited funding is available to maintain low-use navigation projects it is unlikely that Section 107 projects, once completed, would be able to compete for maintenance funding. Therefore, the Administration has not supported funding of low-use navigation projects for this program in the FY 2008 budget.

CONGRESSIONAL INTEREST Senators Gregg (NH) and Sununu (NH), and Representative Shea-Porter (NH-01)

DISTRICT: New England District.



FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Nanticoke Harbor, MD

AUTHORIZATION: Section 107 of the River and Harbor Act of 1960, as amended

LOCATION: Wicomico County, Maryland

DESCRIPTION: The town of Nanticoke in Wicomico County, Maryland, is served by a Federal navigation channel, adopted in 1937. The harbor provides slips for a variety of commercial and recreational vessels. Presently, the channel, especially the portion near the riverside terminus of the jetties, shoals rapidly following maintenance dredging cycles, and becomes difficult to navigate for users. The Corps is currently in negotiations with Wicomico County to conduct a feasibility study of the potential improvements to the navigation project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$ 324
Estimated Non-Federal Cost	224
Cash	
Other	
Total Estimated Cost	\$ 548
Allocation thru 2004	\$ 49
Allocation for FY 2005	1
Allocation for FY 2006	209
Allocation for FY 2007	0
Balance to Complete after FY 2007	65
Benefit to Cost Ratio Applicable rate (___%):	Not available yet
Benefit to Cost Ratio at 7%:	Not available yet
Remaining Benefits Remaining Costs Ratio at 7%:	Not available yet

FY 2007 ACTIVITIES: With FY 06 carryover funds, complete the Project Management Plan (PMP). No additional work can be performed in FY 07 due to the moratorium on signing feasibility cost sharing agreements in the Continuing Authorities Program.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, complete the feasibility study in FY09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Gilchrest (MD-01); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Rhodes Point, MD

AUTHORIZATION: Continuing Authorities, Section 107 of the River and Harbor Act of 1960, as amended

LOCATION: Somerset County, Maryland

DESCRIPTION: Rhodes Point is located along the southwestern shoreline of Smith Island in Somerset County, Maryland. The Section 107 navigation improvement project will consist of twin jetties in conjunction with a realignment of the existing Federal navigation channel. The jetty to the north of the navigation channel will be 1,300 feet long and the jetty south of the channel will be 1,500 feet long. The realigned channel will extend to the 6-foot contour in the Chesapeake Bay, approximately 1,500 feet from the mouth of Sheep Pen Gut. The project includes construction of a series of breakwaters along the shore to contain the material dredged from the channel. The land created behind the breakwaters will be planted with native wetland species creating 2 acres of wetlands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$ 3,600
Estimated Non-Federal Cost	400
Cash	
Other	
Total Estimated Cost	\$ 4,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	900
Balance to Complete after FY 2007	2,700
Benefit to Cost Ratio Applicable rate (5 3/8%) – 1.4	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio at 7% - N/A	

FY 2007 ACTIVITIES: None, as additional funds are needed to award a fully funded construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, a construction contract could be awarded in FY 08 and completed in FY 09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Gilchrest (MD-01); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 107 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Navigation

PROJECT/ STUDY NAME: Round Pond Harbor, Bristol, Maine

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Round Pond Harbor is located on the western shore of Muscongus Bay in town of Bristol, Lincoln County, Maine. The town of Bristol is located on the Pemaquid Peninsula and lies approximately 30 miles southeast of Augusta and 50 miles northeast of Portland.

DESCRIPTION: Round Pond Harbor is a natural rocky coast harbor with a large commercial fishing and lobstering fleet and an influx of recreational craft during the summer months. There is no existing Federal Navigation Project for Round Pond Harbor. A Feasibility investigation was initiated in FY2005 to examine inadequate vessel access due to shoaling in the harbor and approaches to the harbor's wharves, tidal and congestion delays and vessel damages. The harbor also provides passenger and cargo access and municipal services from the mainland to small offshore island communities in Muscongus Bay.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	200	720
Estimated Non-Federal Cost	100	80
Cash	(100)	(80)
Other	(0)	(0)
Total Estimated Project Cost	300	800
Allocations thru FY 2004	25	0
Allocation in FY 2005	19	0
Allocation in FY 2006	0	0
Allocation in FY 2007	50	0
Balance to Complete After FY 2007	106	720
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	1.7
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Continue feasibility study of navigation improvements, including plan formulation and cost estimating.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2009.

OTHER INFORMATION: A FCSA was executed with the Town of Bristol on 1 June 2005.

ADMINISTRATION POSITION: Since limited funding is available to maintain low-use navigation projects it is unlikely that Section 107 projects, once completed, would be able to compete for maintenance funding. Therefore, the Administration has not supported funding of low-use navigation projects for this program in the FY 2008 budget.

CONGRESSIONAL INTEREST: Representative Allen (ME-1)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: St. Jerome Creek St. Mary's County, MD

AUTHORIZATION: Continuing Authorities Program, Section 107 of the River and Harbor Act of 1960, as amended

LOCATION: St. Mary's County, Maryland

DESCRIPTION: St. Jerome Creek is located in St. Mary's County, Maryland, along the western shore of the Chesapeake Bay between St. Jerome Neck and Fresh Pond Neck. The existing Federal navigation project consists of a channel and turning basin of 200 feet wide and 300 feet long opposite Airdele, in St. Jerome Creek, and is approximately 5 miles north of the mouth of the Potomac River and 6 miles southeast of St. Mary's City. The proposed project would involve construction of a jetty or jetties that would protect the mouth of St. Jerome Creek. The proposed action would restore vessel utilization of the channel and associated turning basin, as well as, reduce the need for future maintenance dredging.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$ 324
Estimated Non-Federal Cost	224
Cash	
Other	
Total Estimated Cost	\$ 548
Allocation thru 2004	\$ 13
Allocation for FY 2005	9
Allocation for FY 2006	50
Allocation for FY 2007	0
Balance to Complete after FY 2007	252
Benefit to Cost Ratio Applicable rate (___%):	Not available yet
Benefit to Cost Ratio at 7%:	Not available yet
Remaining Benefits Remaining Costs Ratio at 7%:	Not available yet

FY 2007 ACTIVITIES: FY 06 carryover funds will be used to complete the Project Management Plan (PMP). No other work can be performed during FY 07 due to the moratorium on signing feasibility cost sharing agreements in the Continuing Authorities Program.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, the feasibility study could be completed in early FY 09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Hoyer (MD-05); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 107 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Navigation

PROJECT/ STUDY NAME: Westport River and Harbor, Westport, Massachusetts

AUTHORIZATION: Section 107 Rivers and Harbors Act of 1960, as amended.

LOCATION: Westport Harbor is located in the Town of Westport, Bristol County, Massachusetts, on the western shore of Buzzards Bay, and bordering Rhode Island. The harbor is a coastal estuary with an inlet opening south into Buzzards Bay between a barrier beach to the east and headland to the west.

DESCRIPTION: Westport Harbor is a coastal estuary with an inlet opening south into Buzzards Bay between a barrier beach to the east and headland to the west. The harbor has general depths of 8 to 15 feet below mean lower low water (mllw), while the entrance has a controlling depth of about 6 feet below mllw. Westport Harbor is used extensively by commercial fishing craft. An existing Federal project provides a 7-foot channel through the inlet. Shoaling in the inlet restricts navigation access to the harbor and results in vessel damages. Shoaling creates an extremely hazardous situation during adverse weather due to the exposed location of the inlet and the need for craft to maneuver normal to the wind to avoid shoals. Several boats have capsized in recent years while attempting to enter the harbor during bad conditions, resulting in some fatalities. Design and economic evaluation recommend widening and deepening the channel to 9 feet, which would also ease access during inclement weather.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Plan &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	125	70	623
Estimated Non-Federal Cost	25	0	77
Cash	(25)	(0)	(77)
Other	(0)	(0)	(0)
Total Estimated Project Cost	150	70	700
Allocations thru FY 2004	112	0	0
Allocation in FY 2005	13	0	0
Allocation in FY 2006	0	69	0
Allocation in FY 2007	0	1	623
Balance to Complete After FY 2007	0	0	0
Benefit to Cost Ratio Applicable rate (5 3/8%)	N/A	N/A	3.2
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds of \$624,000 could be used to complete project design including preparation of plans and specification (\$1,000), sign a Project Cooperation Agreement with the Commonwealth of Massachusetts, advertise and award a fully funded contract and initiate and complete construction (\$623,000).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007 and construction in FY 2008.

OTHER INFORMATION: The Feasibility Report was approved by CENAD in October 2005. The PCA package was forwarded to HQUSACE in February 2007. Maintenance and improvement activities would be conducted concurrently.

ADMINISTRATION POSITION: Since limited funding is available to maintain low-use navigation projects it is unlikely that Section 107 projects, once completed, would be able to compete for maintenance funding. Therefore, the Administration has not supported funding of low-use navigation projects for this program in the FY 2008 budget.

CONGRESSIONAL INTEREST: Representative Frank (MA-4)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM-Section 107)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Navigation

**PROJECT/STUDY NAME:** Wills Hole Thorofare, Point Pleasant Beach, NJ

**AUTHORIZATION:** Section 107, River and Harbor Act of 1960, as amended.  
(Navigation)

**LOCATION:** Wills Hole Thorofare is a channel of the Manasquan River. It is bounded by Gull Island to the north and the New Jersey mainland to the south. It is located approximately 65 miles south of New York City.

**DESCRIPTION:** The selected plan consists of two one-way traffic channels in a "Y" configuration of varying widths (80 ft. and 150 ft.) with a 150 ft. wide flared entrance designed to accommodate two-way traffic. Design depth is -14 ft. (LW), plus two feet of overdepth. The recommended plan for disposal of dredged material is to hydraulically pump the sediment to Gull Island. A commercial fishing fleet which resides at Wills Hole Thorofare would be the major beneficiary.

**SUMMARIZED FINANCIAL DATA**

Estimated Federal Cost  
Estimated Non-Federal Cost  
Total Estimated Cost

**CONSTRUCTION**

\$1,159,612  
\$ 519,185  
\$1,678,797

Allocation thru 2004	\$ 434,612
Allocation for FY 2005	\$ 700,000
Allocation for FY 2006	\$ 25,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (_%):	
Benefit to Cost Ratio at 7%:	4.0
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Construction completed in FY06. Project will be closed out.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Fiscal close out scheduled for FY 2007.

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 107.

**CONGRESSIONAL INTEREST:** Rep. Smith (NJ-4)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 107 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Navigation

PROJECT/ STUDY NAME: Woods Hole Great Harbor, Falmouth, Massachusetts

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Woods Hole Great Harbor is located at the southwestern end of Cape Cod at the confluence of Vineyard Sound and Buzzards Bay in the Town of Falmouth, Barnstable County, Massachusetts.

DESCRIPTION: The existing Federal navigation project for the Woods Hole Channel provides a 13-foot channel connecting the Sound and Bay and enters the Sound at the mouth to Great Harbor. An existing Federal project of Woods Hole Little Harbor provides a 17-foot channel to access the USCG facilities at Little Harbor. There is no existing Federal project for Great Harbor though some works of protection were constructed in the early 1800s. The Town of Falmouth has requested a Section 107 study of deep draft channel and turning basin improvements in Great Harbor in support of vessel access for the Wood Hole Oceanographic Institute (WHOI), the NOAA Fisheries installation, the Woods Hole Martha's Vineyard and Nantucket Steamship Authority and transient users including the USCG and US Navy. The harbor's location at the confluence of the Bay and Sound make it an important stopover for vessel traffic along the New England Coast and the reason for siting of Federal, State and WHOI facilities in the port.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	220	2,100
Estimated Non-Federal Cost	120	700
Cash	(120)	(700)
Other	(0)	(0)
Total Estimated Project Cost	340	2,800
Allocations thru FY 2004	0	0
Allocation in FY 2005	0	0
Allocation in FY 2006	10	0
Allocation in FY 2007	90	0
Balance to Complete After FY 2007	120	2,100
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Continue feasibility study of navigation improvements, including preliminary studies to determine Federal interest.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2008.

OTHER INFORMATION: Both NOAA Fisheries and WHOI have new classes of vessels under construction for basing at Woods Hole with delivery beginning in 2007 that will require a deeper channel and turning basin. An aggressive schedule will be required to meet vessel delivery.

ADMINISTRATION POSITION: Since limited funding is available to maintain low-use navigation projects it is unlikely that Section 107 projects, once completed, would be able to compete for maintenance funding. Therefore, the Administration has not supported funding of low-use navigation projects for this program in the FY 2008 budget.

CONGRESSIONAL INTEREST: Representative Delahunt (MA-10)

DISTRICT: New England District.

# OPERATION AND MAINTENANCE



FACT SHEET  
OPERATIONS AND MAINTENANCE, GENERAL

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Appomattox River, Virginia

AUTHORIZATION: River and Harbor Act of 3 March 1871, and modified by the River and Harbor Acts of 13 June 1902, 3 March 1909, 25 June 1910, and 21 January 1927.

LOCATION: Petersburg, Virginia

DESCRIPTION: A navigation channel 10 feet deep and 60 to 80 feet wide extending from the mouth at the James River as far upstream as the head of navigation at Petersburg, Virginia, and including a turning basin at Lieutenants Run, a dam at Petersburg, a diversion channel and a levee to separate the diversion channel from the navigation channel.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007
	O&M
Estimated Federal Cost	\$ 250,000
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$ 250,000
Allocation for FY 2004	\$ 150,000
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 450,000
Allocation for FY 2007	\$ 250,000
Balance to Complete After FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate	N/A

FY 2007 ACTIVITIES: Fiscal Year 2007 funds are being used to evaluate the feasibility and cost-effectiveness of utilizing the Weanack site for the placement and remediation of the dredged material. The site has recently been used by the Navy and VDOT to remediate contaminated dredged material through "land farming", rendering the dredged material suitable for beneficially restoring depleted farm land.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Not applicable for this project.

OTHER INFORMATION: Petersburg tentatively offered the use of a 60-acre upland site for the placement of the dredged material; however, the cost of constructing an adequate diked area on the site appears to be cost prohibitive. Petersburg has recently asked that the Corps evaluate the suitability of placing the contaminated and clean dredged material at the Weanack site located on the James River just upstream from the mouth of the Appomattox River.

ADMINISTRATION POSITION: The Administration supports maintenance of Federal navigation channels with commercial usage. However, the administration places a low budget priority on this shallow draft navigation channel.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representative Forbes (VA-4).

DISTRICT: Norfolk District

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Aunt Lydia's Cove, Massachusetts

AUTHORIZATION: Authorized by the Chief of Engineers on 31 August 1994, under Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Aunt Lydia's Cove is located in Pleasant Bay, Chatham, Massachusetts on the elbow of Cape Cod.

DESCRIPTION: The project provides for an entrance channel 8 feet deep and 100 feet wide for a length of 900 feet and a 9.5-acre anchorage also to a depth of 8 feet. The project was completed in June 1995 and last maintained in June 2006. The harbor serves a large regionally significant commercial fishing fleet and a few recreational boaters.

SUMMARIZED FINANCIAL DATA (\$000):

	FY 2006		FY 2007	
	<u>Maintenance</u>	<u>Dredging</u>	<u>Maintenance</u>	<u>Dredging</u>
Estimated Federal Cost	223		341	
Estimated Non-Federal Cost	0		0	
Cash	(0)		(0)	
Other	(0)		(0)	
Total Estimated Project Cost	223		341	
Allocations thru FY 2004	0		0	
Allocation in FY 2005	0		0	
Allocation in FY 2006	223		0	
Allocation in FY 2007	0		341	
Balance to Complete After FY 2007	0		0	
Benefit to Cost Ratio Applicable rate (%)	N/A		N/A	
Benefit to Cost Ratio at 7%	N/A		N/A	
Remaining Benefits Remaining Costs Ratio (7%)	N/A		N/A	

FY 2007 ACTIVITIES: FY 2007 funds are being used to perform maintenance dredging of the entrance channel in June 2007 using the Government-owned dredge CURRITUCK. About 60,000 cubic yards of material would be dredged and placed at a near shore disposal area.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Long term approvals are in place for this work and maintenance dredging can be completed annually subject to the availability of funds.

OTHER INFORMATION: Aunt Lydia's Cove is a highly dynamic area that shoals rapidly. Maintenance dredging is required annually. No funds are currently in the FY 2008 Budget to perform maintenance work next FY.

ADMINISTRATION POSITION: Federal maintenance of shallow draft, low use non-commercial navigation projects is not a high budgetary priority.

CONGRESSIONAL INTEREST: Representative Delahunt (MA-10)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Bass Harbor, Tremont, Maine

AUTHORIZATION: Authorized by the Chief of Engineers on 7 May 1962, under Section 107 of the Rivers and Harbors Act of 1960, as amended.

LOCATION: Bass Harbor is located in the Town of Tremont on the southwestern shore of Mount Desert Island off the coast of central Maine in Hancock County.

DESCRIPTION: The project was completed in 1964 and provides for one 10-foot and two 6-foot deep anchorage areas totaling 24 acres. The harbor supports a fleet of more than 90 commercial fishing and lobstering craft, a state ferry terminal serving island communities, and a fleet of service vessels supporting near shore aquaculture operations (fish farms). Construction support craft serving the offshore island also handle cargo through Bass Harbor. Maintenance of the existing anchorage areas would be undertaken concurrent with improvement dredging. Bass Harbor is the last port on Mount Desert Island to retain commercial fishing as its principal activity.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	140
Estimated Non-Federal Cost	0
Total Estimated Project Cost	140
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	85
Allocation in FY 2007	0
Balance to Complete After FY 2007	55
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to complete preparation of project plans and specifications for proposed maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to complete maintenance work. This project is a joint project requiring operations and maintenance funds for dredging of the overlying maintenance material together with the material from a proposed commercial navigation improvement project under Section 107 Authority. The low cost of maintenance is due to sharing of design and construction costs between the O&M and CAP improvement increments. The PCA for the Section 107 project would be executed in the spring of 2008 to allow solicitation of bids and award of a combined contract in late FY 2008 for maintenance and improvement dredging during the environmental window of November 2008 to April 2009.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Collins (ME) & Snowe (ME), and Representative Michaud (ME-2)

DISTRICT: New England District.

Date: 25 January 2006

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Block Island Harbor of Refuge, Rhode Island

AUTHORIZATION: Project was authorized in the Rivers & Harbors Act of 1912.

LOCATION: Block Island is located about 13 miles off the south coast of Rhode Island.

DESCRIPTION: The Harbor of Refuge is the subsistence harbor for Block Island. The project provides for a 15-foot entrance channel, anchorage and basin area; along with two rubble-mound breakwaters, a "T" shaped stone jetty, masonry walls and bulkhead. The project was completed in 1916 and last maintained in June 2006, when the Government owned CURRITUCK dredged the entrance channel. The 260 foot long east bulkhead is located within the inner basin of the harbor, and was last repaired in 1970. The existing steel sheet-pile bulkhead is in disrepair, jeopardizing the stability of the adjacent bank. Proposed work includes stabilizing the bulkhead with a stone revetment fronting the structure.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>FY 2007</u>	<u>FY 2006</u>
	<u>Bulkhead Repair</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	1,100	157
Estimated Non-Federal Cost	0	0
Total Estimated Project Cost	1,100	157
Allocations thru FY 2004	0	0
Allocation in FY 2005	0	0
Allocation in FY 2006	0	157
Allocation in FY 2007	200	0
Balance to Complete After FY 2007	900	0
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to prepare plans and specifications for bulkhead repairs.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Bulkhead repair work could be completed in FY 2008 subject to the availability of funds.

OTHER INFORMATION: Ownership of the property adjacent to the east bulkhead is under dispute. Real estate ownership and construction access must be established before a contract can be awarded. It is anticipated that the timber pier in front of the east bulkhead will need to be partially replaced in order to conduct the bulkhead repair work. This effort is included in the estimated Federal cost. No funds are currently in the FY 2008 Budget to perform bulkhead repairs.

ADMINISTRATION POSITION: The Administration would support maintenance including bulkhead repairs of this Harbor of Refuge/Subsistence Harbor.

CONGRESSIONAL INTEREST: Senators Reed (RI) and Whitehouse (RI)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Bridgeport Harbor, Connecticut

AUTHORIZATION: Bridgeport Harbor is authorized by the Rivers and Harbors Act of 1958. Innovative treatment of dredged material from Long Island Sound (LIS) is authorized by Section 345 of WRDA 2000 (Public Law 106-541).

LOCATION: Bridgeport Harbor is located in Bridgeport, Connecticut on the north shore of Long Island Sound at the mouth of the Pequonnock River, and includes the Yellow Mill and Johnson Creeks tributary channels.

DESCRIPTION: Bridgeport Harbor was last maintained in 1963. Since then shoaling of the channels has reduced the controlling depth in the harbor from the authorized depth of 35 feet to approximately 29 feet. Some of the sediments in the harbor contain constituents that render the dredged material unsuitable for ocean disposal and no upland sites have been identified. Therefore, maintenance dredging of Bridgeport Harbor has been deferred. The Dredged Material Management Plan (DMMP) is identifying the volume of material and evaluating management alternatives so that maintenance activities can be performed for the harbor over the next twenty years. Open water disposal of dredged material in LIS is currently the subject of discussions between the States of Connecticut and New York. Recently designated sites in LIS can only accept suitable dredged materials. Several of the ports in Connecticut, especially Bridgeport Harbor, have large volumes of unsuitable shoal material in their channels that cannot be disposed at open water sites. To fully assess disposal solutions for unsuitable dredged material from maintenance of the Bridgeport Harbor Federal navigation project, a treatment technology study is being conducted under Section 345 to determine the cost-effectiveness of innovative treatment or containment for disposal of unsuitable materials. Congressional interests have recommended the use of unsuitable material from Bridgeport Harbor to evaluate innovative treatment techniques.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>DMMP</u>	<u>Small Demo Project</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	1,300	900	30,000
Estimated Non-Federal Cost	0	485	5,000
Cash	(0)	(485)	(5,000)
Other	(0)	(0)	(0)
Total Estimated Project Cost	1,300	1,385	35,000
Allocations thru FY 2004	659	0	0
Allocation in FY 2005	209	0	0
Allocation in FY 2006	432	900	0
Allocation in FY 2007	0	0	0
Balance to Complete After FY 2007	0	0	30,000
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to complete the DMMP, including alternative analysis. These funds are also being used to conduct the first phase of a small-scale innovative technology demonstration project to assess the treatment of dredged materials from Bridgeport Harbor. The demonstration project is being cost shared with the City of Bridgeport at 65 percent Federal and 35 percent non-Federal. The PCA was signed on 2 August 2006 and we are still currently awaiting receipt of non-Federal funds.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete DMMP in FY 2007, small-scale demonstration project in FY2007 and maintenance dredging in FY 2010.

OTHER INFORMATION: The second phase of the demonstration project would involve large-scale treatment of Bridgeport material, including evaluation of end product users and marketability of treated material. Funding for this project will be sought under the Innovative Treatment of Dredged Material from LIS account.

ADMINISTRATION POSITION: Federal maintenance dredging of deep-draft commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Dodd (CT) & Lieberman (CT), and Representative Shays (CT-4)

DISTRICT: New England District.

FACT SHEET  
OPERATIONS AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Brown's Creek, NY federal navigation channel

AUTHORIZATION: House Document 22, 51st Cong, 1st Session, adopted in 1890.

LOCATION: Brown's Creek, Sayville, New York

DESCRIPTION: Browns Creek is located at the south shore of Long Island and empties into Great South Bay at the village of Sayville, LI. A channel 6 ft deep to 250 ft. inshore of the jetties; 4 feet deep to the head of navigation, 100 ft. wide and approximately 1 mile long. The Creek was last dredged in 1995 when 21,000 cubic yards was dredged and placed at a site adjacent to the creek, provided by the Town of Islip/County of Suffolk.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY2007 (\$000)</u>
Estimated Federal Cost	\$ 0
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 0
Allocation thru 2004	\$ 235
Allocation for FY 2005	702
Allocation for FY 2006	64
Allocation for FY 2007	0
Balance to Complete after FY 2007	0

FY 2007 ACTIVITIES: Last maintenance cycle closed out in FY06. No funding for future maintenance cycle was provided in FY2007.

EARLIEST ATTAINABLE COMPLETION FY FOR CYCLE: No foreseeable maintenance need before FY2012, preceded by initial E&D in 2011.

OTHER INFORMATION: Cost estimate of next maintenance cycle would be approximately \$210K for initial E&D in 2011 and \$820K for periodic maintenance and closeout in 2012.

ADMINISTRATION POSITION: Not consistent with Administration policy since it is a shallow draft channel with negligible commerce statistics, and largely recreational in nature.

CONGRESSIONAL INTEREST: Representative Steve Israel (NY-02)

DISTRICT: CENAN

Date: 27 March 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Bullocks Point Cove, East Providence and Barrington, Rhode Island

AUTHORIZATION: Authorized by the Rivers and Harbors Act of 1954.

LOCATION: Bullocks Point Cove lies on the east shore of the Providence River, about 5 miles southeast of Providence.

DESCRIPTION: The project was authorized in 1954 and provides for an entrance channel, 75 feet wide and 8 feet deep, from deep water in the Providence River to a point just inside Bullocks Point Cove; and an inner channel, 75 feet wide and 6 feet deep, from the entrance channel to a point opposite Haines Memorial Park. The project also includes an 8.3-acre south mooring basin, 6 feet deep, on the west side of the inner harbor; a 2.9 acre mooring and turning basin, 6 feet deep, at the end of the inner channel; and rebuilding of the tip of Bullock's Point to a height of 9 feet above MLW with dredged material and retained by a rubble-stone dike and jetty. The project was completed in 1959 and last maintained in 1995, when the Government owned CURRITUCK dredged the entrance channel. The project serves about 70 commercial vessels and 375 recreational boaters, along with three marinas and boatyards.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>	<u>Cost Shared CDF</u>
Estimated Federal Cost	1,256	630
Estimated Non-Federal Cost	0	70
Cash	(0)	(70)
Other	(0)	(0)
Total Estimated Project Cost	1,256	700
Allocations thru FY 2004	15	630 <sup>1/</sup>
Allocation in FY 2005	19	0
Allocation in FY 2006	622	0
Allocation in FY 2007	600	0
Balance to Complete After FY 2007	0	0
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

<sup>1/</sup> Work completed under the Providence River and Harbor Project.

FY 2007 ACTIVITIES: Preparation of the Decision Document was completed in December 2006. Efforts are underway to complete an Environmental Assessment, prepare plans and specifications and to amend the Providence River and Harbor PCA for disposal of dredged material from Bullocks Point Cove in the confined aquatic disposal (CAD) cells constructed during maintenance dredging of Providence River and Harbor. Upon amendment of the PCA, FY 2007 funds will be used to advertise and award a fully funded contract for maintenance dredging of Bullocks Point Cove.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Maintenance dredging will be completed in FY 2008.

OTHER INFORMATION: Maintenance dredging will require the removal of about 50,000 cubic yards of silt material, which has been deemed suitable for disposal in the CAD cells constructed as part of the Providence River and Harbor maintenance project. The Providence River and Harbor PCA does not include any provisions for Bullocks Point Cove, which has a 10 percent non-Federal cost-sharing requirement, rather than the 25 percent non-Federal cost-sharing requirement for Providence. The final CAD cell for the Providence River and Harbor project can remain open for several years to accept material from Bullocks Point Cove.

ADMINISTRATION POSITION: Federal maintenance of low use commercial navigation projects is not a high budgetary priority.

CONGRESSIONAL INTEREST: Senators Reed (RI) and Whitehouse (RI), and Representative Kennedy (RI-1)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Carver's Harbor, Vinalhaven, Maine

AUTHORIZATION: River and Harbor Act of 1896, AR 1903, RHA 1913, 1962, WRDA 1999 (Deauth 1896 & 1962 Partial)

LOCATION: Carver's Harbor is located at the southeastern end of Vinalhaven Island, at the mouth of Penobscot Bay about 10 miles east of Rockland, in Knox County.

DESCRIPTION: The project consists of two 10-foot deep anchorage areas at the south side of the harbor, one 3 acres and the other 4 acres, adjoining a 16-foot deep, 23-acre anchorage; a 3-acre anchorage, 10-foot deep along the main waterfront at the north side of the harbor, and a 6-foot deep access channel and turning basin at the northeastern end of the harbor. The harbor's public pier is used for loading and unloading fish and fishing gear for a large lobstering fleet and numerous transient recreational boats that operate out of the harbor. About half of Vinalhaven's workforce relies on lobstering or fishing commerce for part-time or full-time employment. The project has not been maintained since completed in 1964. The current proposal includes dredging about 130,000 cubic yards of material and transporting it by mechanical dredge to the Rockland Ocean Disposal Site.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	2,800
Estimated Non-Federal Cost	0
Total Estimated Project Cost	2,800
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	240
Allocation in FY 2007	0
Balance to Complete After FY 2007	2,560
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to secure the environmental approvals, complete the environmental assessment, and prepare plans and specifications for maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance dredging in FY 2008.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to perform maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Representative Allen (ME-1)

DISTRICT: New England District.

Date: 5 April 2007



FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Clinton Harbor, Connecticut

AUTHORIZATION: Authorized by the Rivers and Harbors Act of 1882 and 1945.

LOCATION: Clinton Harbor is located at the mouth of the Hammonasset River on the north shore of Long Island Sound, about 10 miles west of the Connecticut River and 20 miles east of New Haven Harbor.

DESCRIPTION: The project consists of an 8-foot channel, 100 feet wide, from Long Island sound to the upper ends of the wharves at Clinton; an 8-foot anchorage area extending 600 feet above the end of the channel with widths of 15 to 250 feet and extending 50 feet south of the channel; and the construction of a stone dike between Cedar Island and the mainland. The project serves 13 commercial marinas and about 1,150 recreational boats. The project was completed in 1950, and the entrance channel was last maintained in October 2000. The current proposal includes dredging about 40,000 cubic yards and transporting the material by hydraulic dredge to the public beach at Hammonasset State Park.

<u>SUMMARIZED FINANCIAL DATA (\$00):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	1,522
Estimated Non-Federal Cost	0
Total Estimated Project Cost	1,522
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	222
Allocation in FY 2007	0
Balance to Complete After FY 2007	1,300
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to secure the environmental approvals, complete the environmental assessment, and prepare plans and specifications for maintenance dredging of the 8-foot channel and anchorage basin.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to perform maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of shallow draft primarily recreational navigation projects is a low budgetary priority.

CONGRESSIONAL INTEREST: Senators Dodd (CT) and Lieberman (CT), and Representative Courtney (CT-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Cocheco River, New Hampshire

AUTHORIZATION: Project was adopted in 1890 and completed in 1906. Section 364(18)(b) of WRDA 96 requires that maintenance dredging be performed not later than 18 months after enactment (12 Oct 96).

LOCATION: The Cocheco River is located in southeastern New Hampshire about 9 miles northwest of Portsmouth, New Hampshire.

DESCRIPTION: The project provides for a 3-mile long tidewater channel, 7 feet deep and 60 to 70 feet wide, 35 feet wide in rock. The project has not been dredged since originally constructed in 1906. The channel is used primarily by recreation craft with some minor commercial usage. In coordination with project stakeholders, it was agreed to maintain the project to a depth of 6 feet instead of the authorized 7 feet. The reduced depth would adequately serve all current and potential future users of the channel. Maintenance dredging to 6 feet deep would require the removal of about 40,000 cubic yards of material. A lined and capped confined disposal facility is needed due to the level of sediment contamination. Environmental restrictions require dredging to be performed between 15 November and 15 March requiring multiple construction seasons. Maintenance dredging of the Cocheco River was initiated under a continuing contract awarded on 14 September 2004. Work began in November 2004 and ended in March 2005 at the close of the environmental window. About 6,000 CY of material was dredged from the Federal channel and disposed of at the confined disposal facility.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	9,404
Estimated Non-Federal Cost	0 <sup>1/</sup>
Total Estimated Project Cost	9,404
Allocations thru FY 2004	1,023
Allocation in FY 2005	2,056
Allocation in FY 2006	2,475
Allocation in FY 2007	150
Balance to Complete After FY 2007	3,700
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

<sup>1/</sup> The City of Dover constructed the confined disposal facility at 100 percent their cost. The Corps will pay a tipping fee to the City for use of their facility. The tipping fee will be based on 80 percent of the City's cost to construct that portion of the facility used for disposal of material dredged from the Federal Navigation Project.

FY 2007 ACTIVITIES: FY 2006 funds were used to award a second contract on 25 August 2006 to resume maintenance dredging of the project. Work began at the start of the environmental window in November 2006 and ended in March 2007 at the close of the environmental window. About 11,000 CY of material, including 1,000 CY of rock, was dredged from the Federal channel and disposed of at the confined disposal facility. FY 2007 funds are being used for supervision and administration of the contract, miscellaneous contract modifications and post-dredge survey costs.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance dredging in FY 2009.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to continue maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of non-commercial projects is not a high budgetary priority.

CONGRESSIONAL INTEREST: Senators Gregg (NH) & Sununu (NH), and Representative Shea-Porter (NH-1)

DISTRICT: New England District.

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME Connecticut River below Hartford, Connecticut (North Cove)

AUTHORIZATION: The River and Harbors Act of 1945 authorizes the North Cove portion of the project.

LOCATION: North Cove is located in Old Saybrook, Connecticut along the west side of the Connecticut River approximately two miles from the mouth of the river.

DESCRIPTION: The project provides for an 11-foot-deep, 100-foot-wide channel from the Connecticut River to an 11-foot anchorage within North Cove of about 12 acres, and then to a 6-foot anchorage of about 17 acres. Shoaling has reduced available depths in both the 6-foot deep and 11-foot deep anchorages to 3.4 feet and less. Depths in the 11-foot channel have been reduced to 4.2 feet and less. Most vessels are restricted to tidal navigation. Maintenance dredging would require the removal of about 252,000 cubic yards of material. All of this material is suitable for unconfined open water disposal and would be brought to the Cornfield Shoals Disposal Site in Long Island Sound, which is located approximately 8 miles from North Cove. An environmental window to protect fisheries resources limits work to the period of 1 October through 31 May. North Cove provides water access, safe anchorage and mooring for about 150 recreational vessels and accommodates many transient vessels. An Environmental Assessment and coordination with State and Federal Resource Agencies have been completed and all required approvals and permits have been received.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	5,656
Estimated Non-Federal Cost	0
Total Estimated Project Cost	5,656
Allocations thru FY 2004	0
Allocation in FY 2005	181
Allocation in FY 2006	75 <sup>1/</sup>
Allocation in FY 2007	0
Balance to Complete After FY 2007	5,400
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

<sup>1/</sup> Reflects \$1,700,000 reprogrammed from the project to Norwalk Harbor, Connecticut.

FY 2007 ACTIVITIES: FY 2006 funds were insufficient to complete a useable increment of maintenance dredging. Congressional approval was received to reprogram \$1,700,000 to Norwalk Harbor, Connecticut to complete ongoing maintenance work at that project. Remaining FY 2006 funds of \$75,000 are being used to finalize plans and specifications for maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance dredging in FY 2008.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to complete maintenance work at North Cove.

ADMINISTRATION POSITION: Federal maintenance dredging of non-commercial navigation projects is a low budgetary priority.

CONGRESSIONAL INTEREST: Senators Dodd (CT) & Lieberman (CT), and Representative Courtney (CT-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

STUDY NAME AND STATE: East River, New York

AUTHORIZATION: Rivers and Harbors Act of 1869 and subsequently modified by the River and Harbors Act of 1877, 1899, 1916, 1922 and 1970.

DESCRIPTION: East River Navigation project is a main channel 16 miles long, 1,000 feet wide that meanders from the Upper New York Bay to the Long Island Sound. There are three short branch channel off of the main channel; 1) east of Welfare Island, 2) east of South Brother Island, called South Brother Island channel and 3) a channel west of South Brother Island.

<u>SUMMARIZED FINANCIAL DATA:</u>	<u>FY2007 O&amp;M (\$000)</u>
Estimated Federal Cost	\$2,218
Estimated Non-Federal Cost	\$ 0
Total Estimated Cost	\$2,218
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 346
Allocation for FY 2006	\$1,802
Allocation for FY 2007	\$ 70
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratios Applicable Rate	NA
Benefit to cost ratio at 7%	NA
Remaining Benefits remaining Costs ratios at 7%	NA

FY 2007 ACTIVITIES: Close out of maintenance dredging contract of the South Brother Island channel with ocean placement at the HARS.

EARLIEST ATTAINABLE COMPLETIONS FY FOR PHASE: 2007

OTHER INFORMATION: The South Brother Island channel is a branch channel 35 ft. deep and 400 ft. wide with widening at the junction with main channel and a turning basin at the head of channel. This branch channel contains the Con Edison Power plant fuel docks, the Bowery Bay Water Pollution plant, a new 1,000 MW natural gas generating plant called Astoria Energy, and the Bowery Bay boat club.

ADMINISTRATION POSITION: Project complies with policy to maintain existing infrastructure in support of commercial projects and navigational safety and security.

CONGRESSIONAL INTEREST: Representative Joseph Crowley (NY-07)

DISTRICT: CENAN

Date: 3/29/07

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Green Harbor, Massachusetts

AUTHORIZATION: Section 107 of the Rivers and Harbors Act of 1960, as amended, and as modified by Sections 365(a)(11) and (d) of the Water Resources Development Act of 1999.

LOCATION: Green Harbor is located at the extreme northwestern end of Cape Cod Bay in the Town of Marshfield, Massachusetts, about 23 miles northwest of the Cape Cod Canal. The harbor is located in a small tidal estuary at the mouth of Green Harbor River.

DESCRIPTION: The project provides for an entrance channel 8 feet deep and 100 feet wide extending from deep water in Cape Cod Bay to the entrance of the harbor, then a channel 6 feet deep and 100 feet wide extending to just beyond the "Narrows". The project also provides for a 6-foot deep anchorage area extending from the upstream limit of the 6-foot deep entrance channel to the upstream limit of the project and extending easterly in the vicinity of the Town Pier, and east and west jetties at the entrance to the harbor. The harbor supports many recreational vessels and a regionally significant commercial fishing fleet. Landings include both finfish (including Tuna) and shellfish (primarily Lobster). The project was completed in 1969. The 6 foot and 8 foot deep entrance channel requires maintenance dredging every 1-2 years. The inner harbor area, including the anchorage and turning basin, was last maintained in 1982 and currently requires maintenance.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Entrance Channel</u>	<u>Inner Harbor</u>
Estimated Federal Cost	321	1,500
Estimated Non-Federal Cost	565	0
Cash	(565)	(0)
Other	(0)	(0)
Total Estimated Project Cost	886	1,500
Allocations thru FY 2004	0	0
Allocation in FY 2005	0	0
Allocation in FY 2006	311	0
Allocation in FY 2007	10	560
Balance to Complete After FY 2007	0	940
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: A fully funded contract was awarded on 16 March 2007 for maintenance dredging of the 6 and 8-foot deep entrance channel. Dredging work is scheduled to begin in mid April 2007 and finish by the end of May 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Maintenance dredging of the entrance channel is required every 1-2 years. Dredging of the inner harbor can be completed during FY 2008 subject to availability of funds.

OTHER INFORMATION: Over the past several years, maintenance dredging of the entrance channel to Green Harbor has been performed annually by the Government-owned dredge CURRITUCK. However, a shoal consisting of mostly cobbles and some sand has developed at the "Narrows" which limits the CURRITUCK's efficiency. A mechanical dredge, thus a contract, is needed to remove this shoal. Maintenance dredging of the inner harbor requires the removal of about 50,000 cubic yards of silt material. A previously used upland disposal area exists adjacent to the project that could be used for disposal of dredged material. Geotechnical work is needed to confirm that the existing dikes will support dredged material.

ADMINISTRATION POSITION: Federal maintenance dredging of shallow-draft commercial navigation projects is consistent with Administration policy.

CONGRESSIONAL INTEREST: Representative Delahunt (MA-10)

DISTRICT: New England District.

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Kennebec River, Maine

AUTHORIZATION: River & Harbor Acts of 1940.

LOCATION: The Kennebec River flows southerly about 150 miles from Moosehead Lake in northern Maine and discharges into the Atlantic Ocean between Bay Point and Popham Beach in Phippsburg, Maine.

DESCRIPTION: The project provides for a 27-foot channel, 500 feet wide, extending from deep water at the mouth of the river upstream about 13 miles to Bath, Maine. The project was completed in 1943 and was last maintained in October 2003. Navigation is presently constrained by shoals of two feet or more in the vicinities of Popham Beach and Doubling Point. The project primarily serves the Bath Iron Works (BIW), a commercial shipbuilding firm and Department of Defense contractor. BIW is the second largest employer in the State of Maine. Vessels built and repaired at BIW include frigates, destroyers and cruiser class ships for the U.S. Navy, and container and cargo ships for commercial industry. Failure to maintain the project will result in unsafe navigation conditions and economic hardship for the region.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	1,000
Estimated Non-Federal Cost	0
Total Estimated Project Cost	1,000
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	622
Allocation in FY 2007	0
Balance to Complete After FY 2007	378
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to update the environmental assessment, monitor shoaling and continue project management and coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance dredging in FY 2008.

OTHER INFORMATION: Shoaling is highly unpredictable. Typically, periodic maintenance involves the removal of about 30,000 cubic yards of material, which is generally suitable for unconfined open-water disposal. No funds are currently in the FY 2008 Budget to complete maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Snowe (ME) and Collins (ME), and Representative Allen (ME-01)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Operations & Maintenance

BUSINESS PROGRAM: Navigation

PROJECT NAME: Knapps Narrows, Maryland

AUTHORIZATION: River and Harbor Act of August 30, 1935

LOCATION: Talbot County, Maryland

DESCRIPTION: The project provides for a channel 9 feet deep and 75 feet wide, widened at the bends, from deep water in Chesapeake Bay to deep water in Harris Creek, MD.

The entrance to the harbor has shoaled to a controlling depth of 4.5 feet, mean lower low water. Maintenance dredging of an estimated 50,000 cubic yards of material is required to restore the authorized project depth of 9 feet with 2-feet of allowable depth.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
Estimated Federal Cost	882
Estimated Non-Federal Cost	
Cash	0
Other	0
Total Estimated Cost	882
Allocation thru 2004	89
Allocation for FY 2005	21
Allocation for FY 2006	622
Allocation for FY 2007	150
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 07 funds are being used to complete maintenance dredging of the channel.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this project.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD), and Representative Gilchrest (MD-1)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Merrimack River, Massachusetts

AUTHORIZATION: Project was adopted in the Rivers and Harbors Act of 1899.

LOCATION: The Merrimack River originates at the confluence of the Pemigewasset and Winnepesaukee Rivers in Franklin, New Hampshire. It then flows southerly through Concord, Manchester and Nashua, New Hampshire; then northerly through Lowell, Lawrence and Haverhill, Massachusetts. The Merrimack River enters the Atlantic Ocean at Newburyport about 34 miles northeast of Boston, Massachusetts.

DESCRIPTION: The project provides for a channel 7 feet deep and 150 feet wide extending about 16.5 miles upstream from Newburyport Harbor. The project was constructed in 1907 and has not been maintained since 1940. The channel is used primarily by recreation craft with some minor commercial usage. Maintenance dredging would require the removal of about 20,000 cubic yards of material.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	2,000
Estimated Non-Federal Cost	0
Total Estimated Project Cost	2,000
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	177
Allocation in FY 2007	0
Balance to Complete After FY 2007	1,823
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to do sampling and testing of the material to be dredged and initiate preliminary planning for the work including the location of a suitable disposal site.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance dredging in FY 2009.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to prepare plans and specification for future maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of non-commercial projects is not a high budgetary priority.

CONGRESSIONAL INTEREST: Representative Tierney (MA-6)

DISTRICT: New England District.

Date: 5 April 2007



FACT SHEET  
Operations & Maintenance

BUSINESS PROGRAM: Navigation

PROJECT NAME: Nanticoke River, Including Northwest Fork

AUTHORIZATION: River & Harbor Act of 1896

LOCATION: Sussex County, DE, and Dorchester/Wicomico Counties, MD

DESCRIPTION: The project provides for a channel 12 feet deep and 100 feet wide from Tangier Sound to the highway bridge at Seaford, DE, with a turning basin at the upper end and a slight widening of the channel between the bridges in the harbor at Seaford to a depth of 9 feet. The Northwest Fork channel is 6 feet deep and 60 feet wide from Upper Browns Wharf to the southern boundary of the town of Federalsburg, with a turning basin at the upper end.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>O&amp;M</u>
Estimated Federal Cost	2,000
Estimated Non-Federal Cost	
Cash	0
Other	0
Total Estimated Cost	2,000
Allocation thru 2004	0
Allocation for FY 2005	28
Allocation for FY 2006	163
Allocation for FY 2007	0
Balance to Complete After FY 2007	1,809
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None. Local sponsor must provide suitable placement site to accommodate dredged material for future maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this project.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD), Representative Gilchrest (MD-1), Senators Biden and Carper (DE), Representative Castle (DE)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Narraguagus River, Milbridge, Maine

AUTHORIZATION: Authorized by the River and Harbor Act of 1962.

LOCATION: The Narraguagus River is located about 60 miles southwest of the Canadian border along the Atlantic Coastline.

DESCRIPTION: The project consists of a channel 11 feet deep by 150 feet wide extending about 3.2 miles from deep water in Narraguagus Bay to just beyond Mitchell Point in Wyman, Maine; then a channel 9 feet deep by 100 feet wide extending about two miles to Milbridge; and then a channel 6 feet deep by 100 feet wide extending to the turning basin at the town wharf. In addition, there are three 6-foot deep anchorage areas located along the 6-foot upper reach, and one 11-foot and two 9-foot anchorages located at Wyman. Except for the 11-foot entrance channel, which was dredged in FY 2004, the project has not been maintained since construction was completed in 1968. The project serves a large commercial fishing, shell fishing and aquaculture fleet in Wyman and Milbridge, Maine. Navigation is presently constrained by shoals of two feet or more throughout much of the project. Maintenance dredging would require the removal of about 130,000 cubic yards (CY) of material. This material has been found suitable for unconfined open-water disposal at an approved site in state waters in Narraguagus Bay. Dredging operations would be restricted to the period between 1 November and 15 April to protect Atlantic salmon and other finfish, along with shellfish spawning.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	3,200
Estimated Non-Federal Cost	0
Total Estimated Project Cost	3,200
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	1,775
Allocation in FY 2007	0
Balance to Complete After FY 2007	1,425
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds were used to award a base bid contract on 1 September 2006 to perform maintenance dredging of the 9-foot and 6-foot channels, the turning basin, the 6-foot northwest anchorage and the 9-foot east anchorage. The contract was advertised with several options for dredging of other anchorage areas so that this work could be performed if additional funds became available. Work began on 1 November 2006 at the start of the environmental window and was completed in January 2007. An option for dredging of the 9-foot west anchorage area was exercised and this work was also completed. Available funds were not sufficient to exercise the remaining two options for maintenance dredging of the 11-foot west anchorage and the 6-foot southwest anchorage.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance in FY 2008.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to complete maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Snowe (ME) and Collins (ME)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Norwalk Harbor, Connecticut

AUTHORIZATION: Authorized by the River and Harbor Acts of 1919 and 1945.

LOCATION: Norwalk Harbor is located along the north shore of Long Island Sound in south central Connecticut, at the mouth of the Norwalk River.

DESCRIPTION: The project provides for a 12-foot channel extending about 3.2 miles from deep water in the outer harbor to the Washington Street Bridge, then a 10-foot channel extending 1.5 miles to the head of navigation at Norwalk. The project also provides for a 6-foot channel extending to the head of navigation in East Norwalk, a 10-foot anchorage area and two basin areas. The project was completed in 1950 and last maintained in 1981. The harbor supports a sand and gravel facility, oil terminals, a power station, and the largest commercial shell fishing operation in the northeast. The harbor also supports many commercial marinas, a large fishing fleet and numerous recreational vessels. Shoaling has reduced the 12-foot channel to 8 feet, even less in many areas and along side slopes. Maintenance dredging requires the removal of about 475,000 cubic yards (CY) of predominantly silt material by mechanical dredge. Maintenance work is being performed in two phases. Phase I involved construction of the two in-river confined aquatic disposal (CAD) cells and dredging of the 10-foot channel to the head of navigation and a small portion of the 6-foot channel. A total of 150,000 CY were dredged during Phase I work, which was completed in February 2006. Phase II work involves dredging of about 325,000 CY of sediment from the 6 and 12-foot channels and 6 and 10-foot anchorages. Environmental restrictions require dredging to be performed between 1 October and 31 January to protect winter flounder and shellfish spawning.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>CDF</u>	<u>Phase I</u>	<u>Phase II</u>
Estimated Federal Cost	990	3,722	8,150
Estimated Non-Federal Cost	110	0	2,000
Cash	(110)	(0)	(2,000)
Other	(0)	(0)	(0)
Total Estimated Project Cost	1,100	3,722	10,150
Allocations thru FY 2004	0	323	0
Allocation in FY 2005	990	1,211	0
Allocation in FY 2006	0	2,188 <sup>1/</sup>	150
Allocation in FY 2007	0	0	0
Balance to Complete After FY 2007	0	0	8,000
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

<sup>1/</sup> Includes \$1,700,000 reprogrammed to the project from Connecticut River below Hartford, Connecticut (North Cove). By letter dated 23 January 2006, the House and Senate Appropriations Committees indicated they had no objection to this reprogramming action.

FY 2007 ACTIVITIES: Available funds are being used to complete preparation of plans and specification for Phase II maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction of the CDF and Phase I maintenance dredging were completed in FY 2006. Complete Phase II maintenance dredging in FY 2008.

OTHER INFORMATION: The Decision Document was approved by CENAD on 12 April 2005. The PCA was executed with the City of Norwalk, Connecticut on 28 June 2005. No funds are currently in the FY 2008 Budget to complete maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Dodd (CT) & Lieberman (CT), Representative Shays (CT-4)

DISTRICT: New England District.

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Pawtuxet Cove, Cranston and Warwick, Rhode Island

AUTHORIZATION: Authorized by the Rivers and Harbors Act of 1962.

LOCATION: Pawtuxet Cove lies along the Cranston-Warwick city line at the mouth of the Pawtuxet River, which discharges into the west side of Providence Harbor.

DESCRIPTION: The project provides for a channel, 6 feet deep and 100 feet wide, from deep water in Providence Harbor to the head of Pawtuxet Cove. The project also includes a turning basin, 6 feet deep at the mouth of the Pawtuxet River; a 14-acre anchorage, 6 feet deep, between the south side of the entrance channel and Warwick Downs State Park; and a sheltering dike, 2,200 feet long. The cove supports about 33 commercial fishing vessels, 217 recreational vessels and 6 water dependant businesses, which consist of marinas and boat yards. The project had not been maintained since constructed in 1966. Maintenance dredging required the removal of about 90,000 cubic yards of material. Sediment samples indicated the material was highly contaminated. The material was placed in the Confined Aquatic Disposal cell dredged for the adjacent Providence River project. Dredging operations are restricted to the period of October through January to protect fisheries resources. A continuing contract for maintenance dredging of Pawtuxet Cove was awarded on 13 September 2005. FY 2006 funds were used to complete maintenance dredging of Pawtuxet Cove in January 2006 with disposal of material in the Providence River CAD cells.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>	<u>Cost Shared CDF</u>
Estimated Federal Cost	1,234	630
Estimated Non-Federal Cost	0	70
Cash	(0)	(70)
Other	(0)	(0)
Total Estimated Project Cost	1,234	700
Allocations thru FY 2004	20	630 <sup>1/</sup>
Allocation in FY 2005	174	0
Allocation in FY 2006	1,040	0
Allocation in FY 2007	0	0
Balance to Complete After FY 2007	0	0
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

<sup>1/</sup> Work completed under the Providence River and Harbor Project.

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Maintenance dredging was completed in FY 2006.

OTHER INFORMATION: The Decision Document was approved by CENAD on 15 February 2005. The Providence River and Harbor PCA was amended on 3 August 2005 for disposal of dredged material from Pawtuxet Cove in the CAD cells constructed during maintenance dredging of Providence River and Harbor.

ADMINISTRATION POSITION: Federal maintenance of shallow draft, low use non-commercial navigation projects is not a high budgetary priority.

CONGRESSIONAL INTEREST: Representatives Kennedy (RI-1) and Langevin (RI-2), Senators Whitehouse (RI) and Reed (RI)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Point Judith Pond and Harbor of Refuge, Rhode Island

AUTHORIZATION: River and Harbor Acts of 1890, 1907, 1910, 1919 and 1948. The project was modified in 1976 under Section 107 of the River and Harbor Act of 1960, as amended.

LOCATION: Point Judith Pond is located along the boundary between the towns of Narragansett and Kingstown in south central Rhode Island. The Point Judith Harbor of Refuge is located in Block Island Sound along the south coast of Rhode Island between Point Judith and the inlet to Point Judith Pond.

DESCRIPTION: The project provides for three breakwaters, totaling 12,850 feet, which form the Harbor of Refuge. The project also provides for a 15-foot entrance channel into Point Judith Pond, which serves the Ports of Galilee and Jerusalem, a 10-foot anchorage area just inside the entrance channel, 6-foot channels in the vicinity of Wakefield and at the upper end of Point Judith Pond, and a 6-foot anchorage area at the upper end of the project. The project was completed in 1977 and has not been maintained since that time.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	1,699
Estimated Non-Federal Cost	0
Total Estimated Project Cost	1,699
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	0
Allocation in FY 2007	1,699
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds were used to award a fully funded contract on 11 October 2006 for maintenance dredging of Point Judith Harbor. Work began on 20 December 2006 and was completed on 31 March 2007. An extension was granted by the Rhode Island Department of Environmental Management to allow dredging beyond the close of the environmental window of 15 February. About 110,000 CY of sand was removed and placed on nearby beaches.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Maintenance dredging was completed on 31 March 2007.

OTHER INFORMATION: Point Judith Pond services Rhode Island's largest commercial fishing fleet, and one of the largest commercial fishing ports in New England. The average annual catch in Point Judith is 63,000 tons with a value of over \$300 million. The Point Judith Harbor houses the Point Judith Coast Guard station that is responsible for search and rescue operations in Rhode Island Sound and southern New England. The project also provides mainland access for the ferry service that supplies the bulk of the commercial cargo to the subsistence port on Block Island.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Reed (RI) and Whitehouse (RI), and Representative Langevin (RI-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Portland Harbor, Maine

AUTHORIZATION: Improvements to Portland Harbor were initiated in 1836 and continued through 1874. The existing project was adopted by the River and Harbor Act of 1936.

LOCATION: Portland Harbor is located along the coast of Maine about 50 miles north of the New Hampshire state line.

DESCRIPTION: The project provides for a 45-foot main ship channel and anchorage area in Casco Bay, a 40-foot channel through Hussey Sound, a 35-foot entrance channel extending into Fore River, a 30-foot anchorage and approach channel extending up to the mouth of Back Cove, a 14-foot entrance channel into Back Cove and a 12-foot channel extending to the head of navigation in Back Cove. The project also includes construction of a stone breakwater extending about 900 feet northeasterly from Spring Point to Spring Point Ledge Lighthouse. Construction of the project was completed in 1968 and the project was last maintained in 1999. In 2004, waterborne commerce totaled 29.7 million tons. Maintenance dredging of the 35-foot entrance channel would require the removal of about 500,000 cubic yards of material.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	6,600
Estimated Non-Federal Cost	0
Total Estimated Project Cost	6,600
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	461
Allocation in FY 2007	135
Balance to Complete After FY 2007	6,004
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete sampling and testing of the material to be dredged and to conduct preliminary planning for location of a suitable disposal site.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance dredging in FY 2009.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget to prepare plans and specification for future maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Collins (ME) and Snowe (ME) and Representative Allen (ME-1)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Portsmouth Harbor and Piscataqua River, New Hampshire and Maine

AUTHORIZATION: Project was originally adopted in 1879 and subsequently modified by the Rivers and Harbors Acts of 1890, 1954 and 1962. Widening of the project was authorized under Section 202 of the Water Resources Development Act of 1986.

LOCATION: Portsmouth Harbor is located at the mouth of the Piscataqua River along the state boundary between Maine and New Hampshire. The harbor lies about 45 miles northeast of Boston Harbor, Massachusetts and 37 miles southwest of Portland Harbor, Maine.

DESCRIPTION: The project provides for about 6 miles of tidewater channel, 35 feet deep and 400 to 1,000 feet wide, extending from deep water at the entrance of the harbor up the Piscataqua River. Maintenance dredging of the 35-foot channel near the Simplex Wire and Cable Company, referred to as the "Simplex Shoal", is required every 5 to 7 years and typically involves a small quantity of clean sand and gravel. The Simplex Shoal area was last maintained during November 2000. About 7,900 cubic yards of coarse-grained material was removed and placed in a deep area of the river about 3,000 feet downstream of the shoal.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	800
Estimated Non-Federal Cost	0
Total Estimated Project Cost	800
Allocations thru FY 2004	0
Allocation in FY 2005	0
Allocation in FY 2006	444
Allocation in FY 2007	0
Balance to Complete After FY 2007	356
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds are being used to update the environmental assessment, monitor shoaling and continue project management and coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete maintenance dredging in FY 2008.

OTHER INFORMATION: Dredged material disposal alternatives were evaluated in an Environmental Assessment prepared for the 2000 maintenance dredging work. The in-river sites were found to be the least cost, environmentally suitable alternative for the disposal of the dredged material. The project lies on the Maine-New Hampshire border and requires approvals from both states. The State of New Hampshire has previously raised concerns that use of in-river disposal sites increases maintenance frequency. Historical information does not support this position. The State may deny future requests for Water Quality Certification if the in-river sites are proposed, or request that the material be placed in a near shore area off Wallis Sands Beach. This site is about 10 nautical miles away from the Simplex Shoal area and would likely double dredging costs and increases safety concerns based on the increased haul distance and the swift currents that exist in the river. No funds are currently in the FY 2008 Budget to complete maintenance work.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senator Gregg (NH)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Operations & Maintenance

BUSINESS PROGRAM: Navigation

PROJECT NAME: Potomac River Below Washington

AUTHORIZATION: River & Harbor Act of 1899

LOCATION: Maryland and Virginia

DESCRIPTION: This authorization provides for a channel 24 feet deep and 200 feet wide from the Chesapeake Bay to Giesboro Point at Washington, DC. The Potomac River navigation project consists of eleven disjointed dredged channels. The controlling depth of the entire project is 21 feet at MLLW.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>O&amp;M</u>
Estimated Federal Cost	7,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	7,000
Allocation thru 2004	448
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	39
Balance to Complete After FY 2007	6,513
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 07 funds are being used to update hydrographic surveys and identify additional placement sites for future maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2011

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this project.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD), Representative Hoyer (MD-5), Senators Warner and Webb (VA), Representatives Moran (VA-8), Davis (VA-11) and Davis (VA-1)

DISTRICT: Baltimore

DATE: 2 April 2007



FACT SHEET  
OPERATIONS AND MAINTENANCE, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME Raritan River to Arthur Kill Cut-off Channel, New Jersey

AUTHORIZATION: The Federal navigation project for Raritan River to Arthur Kill Cut-Off Channel, New Jersey was adopted in 1935.

LOCATION: Project is located in Raritan Bay at the southern tip of Staten Island, NY and Perth Amboy, NJ. The project is located in a busy deep draft commercial harbor and port.

DESCRIPTION: The project connects the Raritan River channel with the southern end of the NY&NJ channel. The project provides for a channel 20 feet deep and 800 feet wide approximately 1 mile in length.

<u>SUMMARIZED FINANCIAL DATA:</u>	<u>FY2007 O&amp;M (\$000)</u>
Estimated Federal Cost	\$ 133
Estimated Non-Federal Cost	\$ 0
Total Estimated Cost	\$ 133
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 133
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratios Applicable Rate	NA
Benefit to cost ratio at 7%	NA
Remaining Benefits remaining Costs ratios at 7%	NA

FY 2007 ACTIVITIES: Continued stewardship

EARLIEST ATTAINABLE COMPLETIONS FY FOR PHASE: Project is dredged approximately every 10 years. It was last dredged in 2000 with the removal of 154,325 CY of material. Next dredge cycle is scheduled for 2011

OTHER INFORMATION: Other evaluations are periodically performed to evaluate the condition of the channel and the need for dredging and to notify users of its condition.

ADMINISTRATION POSITION: Project complies with policy to maintain existing infrastructure in support of commercial projects and navigational safety and security.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr. (NJ-06)

DISTRICT: CENAN

Date: 3/29/07

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Salem Harbor, Massachusetts

AUTHORIZATION: Adopted in 1873 and 1890, and supplemented by enactments in 1905, 1930, 1945, 1958, 1986, and 1995.

LOCATION: Salem Harbor is located along the northern coast of Massachusetts at the southwestern end of Salem Sound.

DESCRIPTION: The project provides for a channel 32 feet deep and generally 300 feet wide from deep water in Salem Sound through the outer harbor to Salem Terminal wharf, and for a channel in the South River, 10 feet deep by 300 feet wide in the entrance, reduced to 8 feet in the lower reach to the National Park Service wharf, and gradually narrowing to 50 feet and 6 feet deep at the upstream end of Pickering Wharf. The project also provides for a branch channel 8 feet deep and 100 feet wide on the east side of the Park Service's Derby Wharf which widens to a basin 700 feet long and 200 feet wide. The project provides access to a regional coal-fired power plant and a petroleum fuel terminal as well as shallow draft inner channels and basins serving the local fishing fleet, commuter ferries, charter boats and recreational craft. In 2004, waterborne commerce totaled 933,000 tons. Shoaling had reduced the 32-foot channel to a controlling depth of 27 feet mean low water, thereby restricting colliers and other large carriers using the deep draft channel to tidal navigation. Small craft using the shallow draft channels had similar difficulties with reduced access.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	2,522
Estimated Non-Federal Cost	0
Total Estimated Project Cost	2,522
Allocations thru FY 2004	0
Allocation in FY 2005	22
Allocation in FY 2006	0
Allocation in FY 2007	2,500
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds were used to award a fully funded contract on 11 October 2006 for maintenance dredging of Salem Harbor. Work began on 25 November 2006 and was completed on 22 January 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Maintenance dredging was completed on 22 January 2007.

OTHER INFORMATION: Maintenance dredging required the removal of about 136,000 cubic yards of material. All of this material was suitable for unconfined open water disposal and was brought to the Massachusetts Bay Disposal Site located approximately 20 miles offshore. An environmental window to protect fisheries resources limits work to the period of 1 September through 15 February. Unsuitable dredged material from the upper South River channel reaches was not removed at this time due to the lack of a suitable disposal site. NAE is currently discussing the possibility of cost-sharing the construction of a disposal facility with the City of Salem.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Kennedy (MA) and Kerry (MA), and Representative Tierney (MA-6)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Sandy Hook Bay at Leonardo, New Jersey federal navigation channel

AUTHORIZATION: House Document Doc. 108, 81st Congress, 1st Session. Authorized and approved by Rivers and Harbors Act March 2, 1945 and May 17, 1950.

LOCATION: Sandy Hook Bay, New Jersey

DESCRIPTION: Sandy Hook Bay @Leonardo is located in Sandy Hook Bay, NJ. It includes an entrance channel 8' deep, 150' wide, 2,500' long, from the 8' contour in Sandy Hook Bay to the entrance of the small boat harbor at Leonardo. In 1991, 58,756 cys of material was dredged and placed east of East Jetty Beach Site, Leonardo, New Jersey. Pleasure craft and recreational fishing vessels utilize the channel. The State of New Jersey maintains and operates the public boat basin at Leonardo. Cost estimates reflect State sponsor provided placement site which is presently not available.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u>
Estimated Federal Cost	\$ 0
Cash	0
Other	0
Total Estimated Cost	\$ 0
Allocation thru 2004	\$ 70
Allocation for FY 2005	0
Allocation for FY 2006	193
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,200

FY 2007 ACTIVITIES: No funding was provided in FY2007.

EARLIEST ATTAINABLE COMPLETION FY FOR CYCLE: FY2009

OTHER INFORMATION: Future dredging requires approx. \$200K for preliminary E&D in FY08 and \$1M for construction and closeout in FY09. Costs could quadruple if dredging contractor provides upland placement site, requiring processing of the material.

ADMINISTRATION POSITION: Not consistent with Administration policy. It is a shallow draft channel with negligible commerce statistics, and largely recreational in nature.

CONGRESSIONAL INTEREST: Representative Frank Pallone, Jr. (NJ-06)

DISTRICT: CENAN

Date: 27 March 2007

FACT SHEET  
Operations & Maintenance

BUSINESS PROGRAM: Navigation

PROJECT NAME: St. Jerome Creek

AUTHORIZATION: Rivers and Harbor Act of 1937, as amended

LOCATION: St. Mary's County, Maryland

DESCRIPTION: The project provides for a channel 7 feet deep and 100 feet wide from deep water in the Chesapeake Bay to Airdale, then 7 feet deep and 60 feet wide to deep water in the creek, with a turning basin of the same depth, 200 feet wide and 300 feet long, opposite Airdale.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>O&amp;M</u>
Estimated Federal Cost	1,161
Estimated Non-Federal Cost	
Cash	0
Other	0
Total Estimated Cost	1,161
Allocation thru 2004	0
Allocation for FY 2005	40
Allocation for FY 2006	1,121
Allocation for FY 2007	0
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None. Maintenance dredging of the project was completed in FY 2006.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this project.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD), Representative Hoyer (MD-5)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
Operations & Maintenance

BUSINESS PROGRAM: Navigation

PROJECT NAME: Tilghman Island Harbor

AUTHORIZATION: Rivers and Harbor Act Adopted 1919, modified 1966 and 1980, Section 107 of the 1960 River and Harbor Act

LOCATION: Talbot County, Maryland

DESCRIPTION: The project provides for a channel 60 feet wide and 6 feet deep from that depth in Harris Creek to and including an anchorage basin of irregular shape 500 feet long by 200 feet wide, with a 6-foot depth and a breakwater at the harbor entrance. The entrance to the harbor has shoaled to a controlling depth of 3.1 feet, mean lower low water, based upon a November 2005 survey. Maintenance dredging of an estimated 12,000 cubic yards of material is required to restore the authorized project depth of 6 feet with 2-feet of allowable depth.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	613
Estimated Non-Federal Cost	613
Cash	0
Other	0
Total Estimated Cost	613
Allocation thru 2004	75
Allocation for FY 2005	29
Allocation for FY 2006	399
Allocation for FY 2007	110
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 07 funds are being used to complete maintenance dredging of the channel.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this project.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD), and Representative Gilchrest (MD-1)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/ STUDY NAME: Weymouth-Fore Rivers, Massachusetts

AUTHORIZATION: Adopted in 1890 and 1896, and supplemented by enactments in 1916, 1935, 1937, 1940, and 1965. The Rivers and Harbors Act of 1965 combined the Weymouth-Fore and Town River projects into a single project, which was modified on 4 June 1981 under Section 107 of the 1960 Rivers and Harbors Act.

LOCATION: The project is located along the southeastern limit of Boston Harbor.

DESCRIPTION: The project provides for a 35-foot channel extending from deep water in Nantasket Roads through Hingham Bay and up the Weymouth Fore River to about 3,000 feet upstream of the Fore River Bridge. The 35-foot channel also extends up the Town River from its confluence with the Weymouth Fore River to the head of Town River Bay. The project also includes a 35-foot turning basin in Town River Bay, a 35-foot turning and maneuvering basin at the confluence of the two rivers and King Cove, an 8-foot anchorage area in Town River Bay, a 15-foot channel extending from the turning basin in Town River Bay to just below the Quincy Electric Light and Power substation, and a 6-foot channel extending from the 35-foot channel in Weymouth Fore River 8,000 feet upstream to the Quincy Avenue Bridge. The project supports an oil terminal along with a shipyard, waste treatment facility and power plant. Approximately 60 percent of all petroleum products used in Massachusetts is delivered via the Weymouth Fore River Channel. In 2004, waterborne commerce totaled 2.8 million tons. The project has not been dredged since the last improvements were completed in 1983. Shoaling has reduced depths to as little as 28 feet mean low water in some places. Vessels using the river experience significant tidal delays and must often "light-load". Maintenance dredging would eliminate tidal delays and increase operational efficiency and safety. Maintenance dredging would require the removal of about 350,000 cubic yards of material. All of this material is suitable for unconfined open water disposal and would be brought to the Massachusetts Bay Disposal Site. Environmental restrictions require dredging to be performed between 15 November and 15 March.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Maintenance Dredging</u>
Estimated Federal Cost	5,572
Estimated Non-Federal Cost	0
Total Estimated Project Cost	5,572
Allocations thru FY 2004	110
Allocation in FY 2005	212
Allocation in FY 2006	4,750
Allocation in FY 2007	500
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2006 funds were used to award a fully funded contract on 16 May 2006 for maintenance dredging of Weymouth-Fore Rivers. Work began on 15 November 2006 and was completed at the end of March 2007. FY 2007 funds were used for supervision and administration of the contract, miscellaneous contract modifications and post-dredge surveys.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Maintenance dredging was completed in March 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Federal maintenance dredging of commercial navigation projects is consistent with administration policy.

CONGRESSIONAL INTEREST: Senators Kennedy (MA) and Kerry (MA), and Representatives Delahunt (MA-10) and Lynch (MA-09)

DISTRICT: New England District.

# ENVIRONMENT

# INVESTIGATIONS



FACT SHEET  
INVESTIGATIONS

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Anacostia River and Tributaries, MD & DC (Comprehensive Plan)

AUTHORIZATION: House Committee on Public Works and Transportation Resolution, 8 September 1988

LOCATION: The study area includes the entire Anacostia River watershed encompassing approximately 180 square miles in Montgomery and Prince George's Counties, Maryland and the District of Columbia. The Anacostia River has one of the most densely populated watersheds within the Chesapeake Bay basin. Although the watershed reflects a system that has suffered from years of urbanization and environmental neglect, major restoration efforts since 1987 are beginning to improve conditions.

DESCRIPTION: This study will seek to continue the progress by working with stakeholders to develop a comprehensive plan to protect and restore the watershed and by developing specific restoration projects to be implemented in the near future.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)	
	<u>Recon</u>	<u>Feas</u>
Estimated Federal Cost	\$ 400	\$ 1,500
Estimated Non-Federal Cost	0	1,500
Cash	0	0
In-Kind	0	1,500
Total Estimated Study Cost	\$ 400	\$3,000
Allocation through FY 04	130	0
Allocation for FY 05	144	0
Allocation for FY 06	126	72
Allocation for FY 07	0	48
Balance to Complete after FY 07	0	\$ 1,380
Benefit to Cost Ratio Applicable Rate - N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio (7%) - N/A		

FY 07 ACTIVITIES: FY 06 carryover funds of \$50,000 are being used to evaluate available data, prioritize watershed objectives with multiple stakeholders, revise the project management plan and amend the existing FCSA schedule for execution in July 2007. Additional FY 06 carryover of \$22,000 and FY 07 funds will be used to begin development of a comprehensive restoration and protection plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, the feasibility study could be completed in September 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this comprehensive watershed planning study.

CONGRESSIONAL INTEREST: Senators Mikulski (MD), Cardin (MD) Representatives Hoyer (MD-05), Wynn (MD 04), Van Hollen (MD 08), Norton (DC)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Baltimore Metropolitan Area - Patapsco and Back Rivers, MD

AUTHORIZATION: Resolution of the Committee on Public Works and Transportation of the United States House of Representatives, adopted 30 April 1992.

LOCATION: The Patapsco River is the main shipping channel for the Port of Baltimore and extends into the heart of Baltimore City, including Baltimore's Inner Harbor. The upstream area flows through Howard, Baltimore and Anne Arundel Counties before entering the tidal portion in Baltimore City, in the Middle Branch. The Patapsco is one of the most heavily utilized and populated waterways within the Chesapeake Bay, as it is located in the urbanized areas of central Maryland, and includes a population of over 750,000 residents. Back River drains the northeastern portions of Baltimore City and southeastern Baltimore County and empties into Chesapeake Bay.

DESCRIPTION: The study will assess the watershed/ecosystem problems and potential solutions in several areas including environmental dredging, shoreline stabilization, wetland creation and restoration, and the beneficial use of dredged material.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)	
	<u>Recon</u>	<u>Feas</u>
Estimated Federal Cost	\$ 239	\$3,825
Estimated Non-Federal Cost:	0	3,825
Cash	0	0
Other	0	3,825
Total Estimated Cost	\$ 239	\$7,650
Allocation through FY 04	0	0
Allocation for FY 05	31	0
Allocation for FY 06	198	0
Allocation for FY 07	10	0
Balance to Complete After FY 07	0	3,825
Benefit to Cost Ratio Applicable Rate - N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio (7%) - N/A		

FY 2007 ACTIVITIES: FY 06 carryover funds and FY 07 funds are being used to finalize the project management plan, and negotiate and execute the feasibility cost sharing agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, the feasibility study could be completed in September 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports watershed management and ecosystem restoration studies.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD), and Congressman Sarbanes (MD-03)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental

PROJECT/ STUDY NAME: Blackstone River Watershed Restoration, Massachusetts and Rhode Island

AUTHORIZATION: Resolution by the U.S. Senate, Committee on Public Works, adopted 12 September 1969.

LOCATION: The study area includes the entire Blackstone River Watershed, which originates in Worcester, Massachusetts and flows southward to the National Estuary of Narragansett Bay in Pawtucket, Rhode Island.

DESCRIPTION: The watershed is approximately 540 square miles and encompasses 30 cities and towns in south central Massachusetts and northern Rhode Island. There is one Federal flood control reservoir and four local protection projects within this relatively small watershed to alleviate flooding in urban areas and protect major utilities and roadways. These projects consist of over 9 miles of channel improvements, dikes, floodwalls, tunnels and conduits, which have decreased the value and diversity of fish habitat in the project areas and have altered the natural hydrologic regime of the watershed. The Blackstone River is also the largest single source of pollutants such as suspended solids, PCB's, metals and organics discharging into Narragansett Bay. One source of this pollution is the re-suspension of contaminated sediments, which have collected behind existing impoundments along the river. The study will evaluate possible measures to correct the numerous problems of the Blackstone River Watershed and improve its overall resource value. A feasibility cost-sharing agreement was executed with the Massachusetts Executive Office of Environmental Affairs on 24 May 1999. By letter dated 31 May 2001, the Rhode Island Department of Environmental Management declined to participate in the feasibility study due to funding constraints.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Study</u>
Estimated Federal Cost	1,447
Estimated Non-Federal Cost	1,020
Cash	(1,020)
Other	(0)
Total Estimated Project Cost	2,467
Allocations thru FY 2004	1,044
Allocation in FY 2005	9
Allocation in FY 2006	84
Allocation in FY 2007	85
Balance to Complete After FY 2007	225
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility study, including cost estimates and plan evaluation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete the feasibility study in FY 2009.

OTHER INFORMATION: Funds to continue the feasibility study are not included in the FY 2008 Budget. Study efforts will be suspended until the construction backlog is reduced and funds become available to continue this effort.

ADMINISTRATION POSITION: The Administration supports participation in ecosystem restoration studies.

CONGRESSIONAL INTEREST: Representatives Neal (MA-2) and McGovern (MA-3)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Chesapeake Bay, VA Ecosystem Restoration & Shoreline Erosion (New Point Comfort Area, Mathews County, VA)

AUTHORIZATION: Senate Committee on Environment and Public Works Resolution adopted 23 May 2001

LOCATION: New Point Comfort sits on the western shoreline of the Chesapeake Bay approximately 75 miles north of Norfolk, Virginia.

DESCRIPTION: The feasibility study will evaluate shoreline erosion, potentially feasible habitat restoration measures and structural measures that could protect and enhance the growth of submerged aquatic vegetation and wetlands, as well as providing additional protection to the lighthouse, a historical structure. An assessment of new work and maintenance dredging in the area for opportunities for beneficial uses of dredged material will also be included as part of the study.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 <u>Feasibility</u>
Estimated Federal Cost	\$ 175,000
Estimated Non-Federal Cost	\$ 175,000
Total Estimated Project Cost	\$ 350,000
Allocation thru FY 2004	0
Allocation for FY 2005	\$ 28,000
Allocation for FY 2006	\$ 40,000
Allocation for FY 2007	0
Balance to Complete After FY 2007	\$ 107,000
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Not funded.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: A Federal Cost Sharing Agreement (FCSA) was executed on May 25, 2004 with the non-Federal Sponsor, Mathews County, VA. The Feasibility Report will be a negative report.

ADMINISTRATION POSITION: The Administration does not support this environmental restoration study.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Allen (VA). Representative Davis (VA-1).

DISTRICT: Norfolk District

Date: 5 April 2007

FACT SHEET  
INVESTIGATION

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Chesapeake Bay Sediment Budget, Modeling and Regional Sediment Management Feasibility Study, MD

AUTHORIZATION: Senate Committee on Environment and Public Works resolution dated 23 May 2001.

LOCATION: The study area encompasses the Chesapeake Bay and tributaries in the state of Maryland, and the Commonwealths of Virginia and Pennsylvania, draining some 20,000 square miles along the east coast of the United States. The area is rural in the northern and southern portions of the watershed, and urban to suburban in the center portions of the watershed. The model will benefit the entire Chesapeake Bay watershed.

DESCRIPTION: The Sediment Budget, Modeling and Regional Sediment Management study is incorporating new parameters for sediment transport, re-suspension, and shoreline erosion into the existing Chesapeake Bay water quality model. The study will build on the existing Chesapeake Bay Model to develop the baseline data necessary for evaluating impacts from bay sedimentation and shoreline erosion. The Chesapeake Bay Program will use the revised model to reevaluate the sediment budget for the Chesapeake Bay, develop sediment load reductions and allocations, and implement a sediment management strategy for the bay.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$1,753
Estimated Non-Federal Cost	1,753
Cash	(0)
Other	(1,753)
Total Estimated Study Cost	\$3,506
Allocation through FY 04	109
Allocation for FY 05	250
Allocation for FY 06	546
Allocation for FY 07	848
Balance to Complete After FY 07	0
Benefit to Cost Ratio Application Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to finalize the model and for recalculating sediment cap loads for the Chesapeake Bay.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: December 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Senators Cardin (MD), Mikulski (MD), Representatives Gilchrest (MD-01), Wynn (MD-04), Sarbanes (MD-05), Hoyer (MD-03), and Ruppertsburger (MD-02).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATION

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Chesapeake Bay Shoreline Erosion, Maryland Coastal Management Feasibility Study, MD

AUTHORIZATION: Senate Committee on Environment and Public Works resolution dated 23 May 2001.

LOCATION: The study area includes the Maryland portion of the Chesapeake Bay coastal zone and tributaries in Maryland.

DESCRIPTION: The study area includes over 4,000 miles of shoreline and a watershed of over 64,000 acres. The study is designed to provide better tools to individual landowners and develop an overall masterplan that reduces hurricane and storm damage, protects vital natural resources, and develops coastal restoration projects within the coastal zone. In particular, the study will emphasize the restoration of coastal function, protection of vital infrastructure and resources, and the restoration of aquatic ecosystem habitat. A feasibility study cost sharing agreement was executed with the Maryland Department of Natural Resources in September 2004.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>Study</u>
Estimated Federal Cost	\$3,147
Estimated Non-Federal Cost	3,147
Cash	0
Other	3,147
Total Estimated Study Cost	\$6,294
Allocation through FY 04	1
Allocation for FY 05	166
Allocation for FY 06	520
Allocation for FY 07	214
Balance to Complete After FY 07	\$2,246
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to continue with developing the Master Plan with the goal of identifying problems and opportunities.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: With optimum funding in the out years, the feasibility study could be completed in September 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Senators Cardin (MD), Mikulski (MD), Representatives Gilchrest (MD-01), Wynn (MD-04), Sarbanes (MD-05), Hoyer (MD-03), and Ruppertsburger (MD-02).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT/STUDY NAME:** Christina River Watershed, PA, DE & MD

**AUTHORIZATION:** Resolution of the Committee on Environment and Public Works of the United States Senate dated October 29, 1997.

**LOCATION:** The Christina River Basin is located in Chester, Delaware, and Lancaster Counties in PA; New Castle County in DE, and Cecil County in MD. The river drains a 565 square mile area and its major tributaries include the Brandywine, Red Clay, and White Clay Creeks.

**DESCRIPTION:** Measures to be evaluated to restore and protect the watershed include improvements to water quality, restoring streambanks, providing public access to the streams and dedicated greenway corridors, acquiring critical lands, cleaning up the watershed, establishing an urban wildlife refuge and rejuvenating the Wilmington Delaware waterfront.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>RECON</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$160,000	\$1,200,000
Estimated Non-Federal Cost	\$ 0	\$1,200,000
Total Estimated Cost:	\$160,000	\$2,400,000
Allocation thru FY 2004	\$130,000	\$ 5,000
Allocation for FY 2005	\$ 30,000	\$ 49,000
Allocation for FY 2006	\$ 0	\$ 199,000
Allocation for FY 2007	\$ 0	\$ 250,000
Balance to Complete After FY 2007	\$ 0	\$ 697,000
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs		N/A

**FY 2007 ACTIVITIES:** Funds will be used to continue the feasibility study efforts, which will evaluate potential alternatives for ecosystem restoration, fish and wildlife habitat restoration, and flood damage reduction in the watershed. Also, activities will include preparation of 500 year flood plain mapping, baseline environmental inventory (existing conditions), cultural resources investigations, hydraulic modeling, geotechnical investigations and testing.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Completion of the Feasibility Phase is to be determined, due to budget constraints funding not known at this time.

**OTHER INFORMATION:** The Delaware Department of Natural Resources and Environmental Control is the non-Federal sponsor. The Recon phase was completed with the execution of the FCSA in February 2005.

**ADMINISTRATION POSITION:** In accordance with Administration policy based on Environmental Restoration benefits.

**CONGRESSIONAL INTEREST:** Sen. Biden (DE), Sen. Carper (DE), Rep. Castle (DE-AL), Sen. Specter (PA), Sen. Casey (PA), Rep. Sestak (PA-7), Pitts (PA-16), Sen. Cardin (MD), Sen. Mikulski (MD), and Rep. Gilchrest MD-1.

**DISTRICT:** Philadelphia

**Date:** March 30, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental

PROJECT/ STUDY NAME: Coastal Massachusetts Ecosystem Restoration, Massachusetts and Cape Cod Bays (Malden River Ecosystem Restoration, Malden, Medford & Everett, Massachusetts & Pilgrim Lake Ecosystem Restoration, Truro/Provincetown, Massachusetts)

AUTHORIZATION: House Resolution by the Committee on Transportation and Infrastructure, 23 July 1997.

LOCATION: The Coastal Massachusetts Ecosystem Restoration Study encompasses the coastal shoreline and associated waters within the Commonwealth of Massachusetts located along Massachusetts and Cape Cod Bays.

DESCRIPTION: The Malden River Ecosystem Restoration Study is the first interim feasibility study under the Coastal Massachusetts Ecosystem Restoration Study. The Malden River flows through the cities of Malden, Medford and Everett to its confluence with the Mystic River. The Mystic Valley Development Commission (MVDC) is a tri-city legislative body established by the state and approved by the communities to address commonly shared issues such as land development and river restoration. The MVDC has partnered with the Corps to conduct a feasibility study to determine possible ecosystem restoration efforts for the Malden River. A Feasibility Cost-Sharing Agreement (FCSA) was executed with MVDC on 15 October 2002. Restoration and remediation of the Malden River are critical to the success of MVDC's master-planned development and to the protection of public health.

The Pilgrim Lake Ecosystem Restoration Study is the second interim feasibility study. The 717-acre Pilgrim Lake study area is located within the towns of Truro and Provincetown, Massachusetts. Pilgrim Lake was historically not a lake, but an embayment called East Harbor that was connected to Cape Cod Bay by a tidal inlet. In 1868, Pilgrim Lake was formed when the embayment was cut-off from tidal flow by the construction of a dike across the inlet. In 1956, the state installed the lake's present water control system, which consists of a culvert and clapper valve system. Pilgrim Lake suffers from eutrophication, and does not support the historic shellfish resources. The lake and all upstream affected areas are within the Cape Cod National Seashore. A FCSA was executed with the Commonwealth of Massachusetts Coastal Zone Management Office on 1 April 2005.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Study</u>
Estimated Federal Cost	562
Estimated Non-Federal Cost	420
Cash	(420)
Other	(0)
Total Estimated Project Cost	982
Allocations thru FY 2004	228
Allocation in FY 2005	90
Allocation in FY 2006	40
Allocation in FY 2007	10
Balance to Complete After FY 2007	194
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete the Malden River interim feasibility study in 2007. Efforts on the Pilgrim Lake interim feasibility study are on hold because of funding constraints.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete the Malden River Interim Study in FY 2007 and the Pilgrim Lake Interim Study in FY 2009.

OTHER INFORMATION: Funds to continue the Pilgrim Lake study are not included in the FY 2008 Budget.

ADMINISTRATION POSITION: The Administration supports participation in ecosystem restoration studies.

CONGRESSIONAL INTEREST: Representatives Markey (MA-7) and Delahunt (MA-10)

DISTRICT: New England District.

Date: 25 January 2006



FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT/STUDY NAME:** Delaware River Comprehensive, NJ

**AUTHORIZATION:** On July 20, 2005 the United States Senate Committee on Environment and Public Works requested that the Secretary of the Army review the report of the Chief of Engineers on the Delaware River and its tributaries, Pennsylvania, New Jersey, and New York, published as House Document 179, Seventy Third Congress, Second Session.

**LOCATION:** The Delaware River Basin is located in 42 counties in portions of New York, New Jersey, Delaware, Pennsylvania, and Maryland. It drains an area of approximately 13,540 square miles.

**DESCRIPTION:** This study will use a comprehensive approach in cooperation with recent and ongoing initiatives to address flood damage reduction and associated resource issues in the New Jersey portion of the Delaware River Watershed. The reconnaissance study was initiated in February 2002 and completed in May 2003. A Feasibility Cost Sharing Agreement was signed in July 2006.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>RECON</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$450,000	\$2,000,000
Estimated Non-Federal Cost	\$ 0	\$2,000,000
Total Estimated Cost:	\$450,000	\$4,000,000
Allocation thru FY 2004	\$450,000	\$ 0
Allocation for FY 2005	\$ 0	\$ 0
Allocation for FY 2006	\$ 0	\$ 124,000
Allocation for FY 2007	\$ 0	\$ 350,000
Balance to Complete After FY 2007	\$ 0	\$1,526,000
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs		N/A

**FY 2007 ACTIVITIES:** FY 2007 activities include continuation of the feasibility phase, including data collection and analysis.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility Phase completion is to be determined due to budget constraints, funding for this study is unknown at this time.

**OTHER INFORMATION:** The reconnaissance study was initiated in February 2002 and completed in May 2003. A Feasibility Cost Sharing Agreement was signed in July 2006. The non-Federal sponsor is the New Jersey Department of Environmental Protection.

**ADMINISTRATION POSITION:** The Administration supports this study based on high priority flood damage reduction benefits; ecosystem protection and restoration benefits, and watershed protection.

**CONGRESSIONAL INTEREST:** The study area contains parts of the following Congressional Districts: Reps. Andrews, NJ-1, LoBiondo, NJ-2, Saxton, NJ-3, Smith, NJ-4, Garrett, NJ-5, Ferguson, NJ-7, Frelinghuysen, NJ-11, and Holt, NJ-12

**DISTRICT:** Philadelphia

**Date:** March 30, 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT/STUDY NAME:** Delaware River Comprehensive, NY, NJ, DE, MD and PA

**AUTHORIZATION:** Section 729 of the Water Resources Development Act (WRDA) of 1986, amended section 202 of WRDA 2000.

**LOCATION:** The Delaware River Basin is located in 42 counties in portions of New York, New Jersey, Delaware, Pennsylvania, and Maryland. It drains an area of approximately 13,540 square miles.

**DESCRIPTION:** Study will use a comprehensive approach to watershed management in collaboration with the Delaware River Basin Commissions (DRBC) efforts to develop a "new comprehensive water resources plan for the basin". It will address restoration needs which include; ecosystem restoration, protection and enhancement; dredged material disposal, water quality control (including acid mine drainage abatement with dredged material) floodplain management and flood damage protection; and associated land resources.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>RECON</u>	<u>FEASIBILITY</u>
Estimated Federal Cost	\$ 450,000	\$ 600,000
Estimated Non-Federal Cost	\$ 0	\$ 600,000
Total Estimated Cost:	\$ 450,000	\$1,200,000
Allocation thru FY 2004	\$ 450,000	\$ 0
Allocation for FY 2005	\$ 0	\$ 0
Allocation for FY 2006	\$ 0	\$ 10,000
Allocation for FY 2007	\$ 0	\$ 300,000
Balance to Complete After FY 2007	\$	\$ 290,000
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs		N/A

**FY 2007 ACTIVITIES:** FY 2007 tasks include Project Management Plan development, execution of the Feasibility Cost Sharing Agreement and study initiation to include data collection.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility Phase completion is to be determined due to budget constraints, funding for this study is unknown at this time.

**OTHER INFORMATION:** The Delaware River Basin Commission is the potential sponsor for this study.

**ADMINISTRATION POSITION:** The administration supports this study based on high priority flood damage reduction; ecosystem protection and restoration, commercial navigation, watershed protection, and drought preparedness benefits.

**CONGRESSIONAL INTEREST:** Sen. Schumer, NY, Sen. Clinton, NY, Sen. Menendez, NJ, Sen. Lautenberg, NJ, Sen. Biden, DE, Sen. Carper, DE, Sen. Casey, PA & Sen. Specter, PA

**DISTRICT:** Philadelphia

**Date:** March 30, 2007

FACT SHEET  
INVESTIGATION

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME AND STATE: Eastern Shore - Mid Chesapeake Bay Island, MD

AUTHORIZATION: Senate Committee on Environment and Public Works Resolution, 5 June 1997

LOCATION: The Mid-Chesapeake Bay region includes the counties of Queen Annes, Talbot, Dorchester, Somerset, Wicomico, and a portion of Kent in Maryland.

DESCRIPTION: The recommended plan consists of two parts: island restoration at James Island and island restoration/protection at Barren Island. Implementation of both James and Barren Island parts are critical to achieving the ecosystem benefits for the recommended plan. The James Island project component will provide the primary dredged material disposal capacity required as well as restore critical island habitat. The Barren Island project component will provide some dredged placement capacity, will protect the existing island resources, will reduce erosion of the existing shoreline at Barren, create wetlands and will protect areas of SAV from high wave energy.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)	
	<u>Feas</u>	<u>PED</u>
Estimated Federal Cost	2,613	\$1,718
Estimated Non-Federal Cost	2,613	572
Cash	(0)	(572)
Other	(2,613)	(0)
Total Estimated Study Cost	5,226	\$2,290
Allocation thru FY 04	1,394	0
Allocation for FY 05	724	0
Allocation for FY 06	495	0
Allocation for FY 07	0	314
Balance to Complete After FY 07	0	1,404
Benefit to Cost Ratio Applicable Rate - N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio (7%) - N/A		

FY 07 ACTIVITIES: FY 06 carryover funds are being used to complete the feasibility study and Environmental Impact Statement, including public involvement and presentation to the Civil Works Review Board. FY 07 funds will be used to negotiate the design agreement and initiate design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, plans and specifications could be completed in November 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this study.

CONGRESSIONAL INTEREST: Senators Cardin (MD) and Mikulski (MD), and Representatives Gilchrest (MD-01), Ruppertsberger (MD-02), Sarbanes (MD-03), and Cummings (MD-07).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Environmental Restoration

PROJECT/STUDY NAME: Elizabeth River Basin, Environmental Restoration, Phase II (Paradise Creek), Hampton Roads, Virginia

AUTHORIZATION: Resolution adopted September 14, 1995 by the Committee on Transportation and Infrastructure, U.S. House of Representatives and Section 312(b) of the Water Resources Development Act of 1990, amended

LOCATION: The study area encompasses the entire Elizabeth River Basin, which includes Suffolk, Portsmouth, Chesapeake, Norfolk, and Virginia Beach, within the Southside Hampton Roads area of southeastern Virginia.

DESCRIPTION: The Elizabeth River is approximately 20 miles in length and has a drainage area of about 165 square miles. Urban, rural, industrial, and residential areas blend together along the Elizabeth River and its branches. More than 13,000 vessels use the Elizabeth River annually, many while navigating the Atlantic Intracoastal Waterway. Three hundred years of industry and commerce have made the river one of the nation's most contaminated waterways. Only limited wetlands in the 20-mile reach remain to support wildlife and filter pollution. This sub-estuary of the Chesapeake Bay provides spawning grounds for fish, habitat for rare terns, peregrine falcons and great egrets, and mud flats for shellfish. In 1993 the Chesapeake Bay Program identified the Elizabeth River as a "Region of Concern" - targeting it as one of three sites in the Bay watershed where contaminants pose the greatest threat to natural resources. Phase II of the project encompasses Paradise Creek.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 <u>Feasibility</u>
Estimated Federal Cost	\$ 650,000
Estimated Non-Federal Cost	\$ 600,000
Total Estimated Project Cost	\$ 1,250,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 70,000
Allocation for FY 2006	\$ 99,000
Allocation for FY 2007	\$ 100,000
Balance to Complete After FY 2007	\$ 381,000
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Cost Ratio at 7%	N/A

FY 2007 ACTIVITIES: Fiscal year 2007 funds are being used to continue the Feasibility Study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: The Feasibility Cost Sharing Agreement was executed with the Commonwealth of Virginia in June 2006.

ADMINISTRATION POSITION: The Administration supports this environmental restoration study.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representatives Drake (VA-2), Scott (VA-3) and Forbes (VA-4).

DISTRICT: Norfolk District

Date : 5 April 2007

FACT SHEET  
GENERAL INVESTIGATION

BUSINESS PROGRAM: Environment

STUDY NAME: Flushing Bay and Creek, New York

AUTHORIZATION: Resolution of the Committee on Public Works and Transportation of the House of Representatives adopted 28 September 1994 to determine the feasibility of improvements in the interest of water quality and other purposes.

LOCATION: Flushing Bay and Creek, New York is located adjacent to LaGuardia Airport in the Borough of Queens, New York.

DESCRIPTION: The Flushing Bay and Creek watershed is highly urbanized with a dense mixture of residential, recreation, commercial, industrial and institutional development. Flushing Bay and Creek has experienced environmental degradation due to storm water runoff, combined sewer outfalls and changes in hydrology and bathymetry.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>PED</u>
Estimated Federal Cost	\$2,100
Estimated Non-Federal Cost	700
Total estimated cost	\$2,800
Allocation Through FY 2004	N/A
Allocation for FY 2005	0
Allocation for FY 2006	84
Allocation for FY 2007	0
Balance to Complete After FY 2007	2,016

FY 2007 ACTIVITIES: Prior year feasibility funds are being used to complete the draft feasibility report in June 2007. The study will evaluate alternatives considering the economic and environmental benefits and will identify potential plans for restoration, conceptual designs and estimated costs.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of feasibility phase in FY08.

OTHER INFORMATION: None.

ADMINISTRATIVE POSITION: Feasibility effort is consistent with Administration policy, as the project would include high priority ecosystem restoration benefits as outputs.

CONGRESSIONAL INTEREST: Representatives Joseph Crowley (NY-7) and Gary Ackerman (NY-5)

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
INVESTIGATION

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Four Mile Run, VA

AUTHORIZATION: Section 201 of the Flood Control Act of 1965

LOCATION: The Four Mile Run watershed extends over a drainage area of 19.1 square miles, primarily in the City of Alexandria and Arlington County, Virginia.

DESCRIPTION: Due to frequent flash flooding in the 1960's and 1970's in these areas, the Corps of Engineers constructed a local flood protection project on Four Mile Run, completing the project in 1983. The constructed project provides protection from flood flows of 27,000 cubic feet per second (cfs) on Four Mile Run and fluvial and tidal backwater stages from the Potomac River. The existing project features levees and floodwalls with associated interior drainage facilities, an improved channel, and the addition of and modification to several highway and railroad bridges. The non-Federal sponsors, the City of Alexandria and Arlington County, have expressed interest in environmental enhancements to the project that would not jeopardize the authorized project's level of flood protection. The feasibility study is focused on evaluating opportunities to restore aquatic and riparian habitat in the levee corridor and upstream watershed while maintaining a 100-year level of protection.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA</u>	<u>Study</u>
Estimated Federal Cost	\$1,860
Estimated Non-Federal Cost	1,860
Cash	(0)
In-Kind	(1,860)
Total Estimated Study Cost	\$3,720
Allocation through FY 04	157
Allocation for FY 05	298
Allocation for FY 06	396
Allocation for FY 07	310
Balance to Complete after FY 07	699
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to continue the feasibility phase efforts, including hydraulic analyses, environmental impact analyses, watershed plan formulation, development of concept designs, preparation of feasibility designs, and public coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, the feasibility study could be completed in September 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project based on high priority ecosystem restoration and flood control benefits.

CONGRESSIONAL INTEREST: Senators Webb (VA) and Warner (VA); Representative Moran (VA-08).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATION

BUSINESS PROGRAM: Environment

STUDY NAME: Hudson-Raritan Estuary, Gowanus Canal, NY

AUTHORIZATION: House of Representatives Committee on Transportation and Infrastructure Resolution (Docket Number 2596) dated 15 April 1999.

LOCATION: The study area is the Gowanus Canal and Creek, off Bay Ridge Channel in Upper New York Harbor, Brooklyn, NY.

DESCRIPTION: The Canal and Creek extend less than one mile, with widths ranging from 200 to 500 feet and depths of 18 to 30 feet. As a part of the Hudson-Raritan Estuary, a national environmental resource, the waters of the canal and the surrounding shoreline, mudflats, intertidal marshes and adjacent upland areas provide valuable habitat for many important commercial and recreational fish species, a wide variety of plant and wildlife resources and serves as a major flyway for migrating birds. Restoration measures could include hot spot removal of off-channel contaminated sediments, support to ongoing contaminant reduction efforts, creation/conversion of estuarine habitats and alteration of hydrology/hydraulics to improve flushing and water quality.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 2,500
Estimated Non-Federal Cost	2,500
Total Estimated Cost	5,000
Allocation Through FY 2004	770
Allocation for FY 2005	238
Allocation for FY 2006	475
Allocation for FY 2007	200
Balance to complete after FY 2007	817

Note: The reconnaissance phase was funded as part of the comprehensive Hudson-Raritan Estuary Environmental Restoration, NY & NJ

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue the feasibility phase that was initiated in January 2002. The efforts include data collection, economic, hydraulic, and environmental analyses necessary to establish baseline conditions and formulate plan alternatives.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: The District initiated the reconnaissance phase in January 2000 and completed the 905b Analysis Fact Sheet in June 2000, which identified locations for further study within the harbor, including the Gowanus Creek and Canal.

ADMINISTRATION POSITION: The Administration affords a high priority on ecosystem restoration improvements and would support advancement of this effort.

CONGRESSIONAL INTEREST: Representatives Owens (NY-11), Velasquez (NY-12), Senators Clinton (NY) & Schumer (NY).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
INVESTIGATION

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME AND STATE: Lower Potomac Estuary, St. Mary's River Watershed, MD

AUTHORIZATION: House Committee on Transportation and Infrastructure resolution, 9 May 1996

LOCATION: The study area includes the St. Mary's River Watershed and the associated St. Mary's Estuary, Wicomico River, and Breton Bay. The area is a tributary of the Potomac River, located in Southern Maryland, at the juncture of the Potomac and Chesapeake Bay.

DESCRIPTION: The St. Mary's River is a highly valued ecosystem that is stressed by increasing population and development growth. Negative impacts in portions of the basin include increased erosion and flooding, loss of fish and wildlife habitat, and degraded water quality. These impacts not only affect the lower Potomac River, but are also linked to the overall health of the Chesapeake Bay. The feasibility study recommends the restoration of 462 acres of oyster habitat, 1,300 acres of submerged aquatic vegetation restoration, and 28 hydrologic improvements throughout the St. Mary's River watershed.

	FY 2007 (\$000)	
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>Feas</u>	<u>PED</u>
Estimated Federal Cost	675	\$563
Estimated Non-Federal Cost	675	187
Cash	(0)	(187)
Other	(675)	(0)
Total Estimated Study Cost	1,350	750
Allocation thru FY 04	406	0
Allocation for FY 05	179	0
Allocation for FY 06	15	0
Allocation for FY 07	50	0
Balance to Complete After FY 07	25	563
Benefit to Cost Ratio Applicable Rate - N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio (7%) - N/A		

FY 07 ACTIVITIES: FY 07 funds are being used to finalize the feasibility study and Environmental Impact Statement, including public involvement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, the feasibility phase will be completed in March 2008 and plans and specifications could be completed in March 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration would support this study.

CONGRESSIONAL INTEREST: Senators Cardin (MD) and Mikulski (MD), and Hoyer (MD-05).

DISTRICT: Baltimore

DATE: 2 April 2007



FACT SHEET  
INVESTIGATION

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Middle Potomac River - Cameron Run/Holmes Run, VA

AUTHORIZATION: Resolutions of the Senate Public Works Committee, dated 26 January 1956, 6 July 1959, and 23 May 2001.

LOCATION: The Cameron Run watershed is 42 square miles in area and is located in Fairfax County, the City of Alexandria, and the City of Falls Church.

DESCRIPTION: The region is completely urbanized with nearly 95% of the watershed developed with mixed residential and commercial use. Today, the mainstem Cameron Run is a flood control channel and its historic floodplain is now primarily a transportation corridor, with the Capitol Beltway paralleling the stream channel. Industrial, commercial, and residential areas have replaced areas where wetlands and forests once attenuated floodwaters. Degraded water quality has resulted from the extreme channelization, as indicated by increases in temperature and algal production, channel instability, and disconnection from floodplain and wetland areas. In addition, non-point source pollution and urban stormwater runoff greatly affect the health of this watershed. The feasibility study is evaluating opportunities to restore aquatic and riparian habitat, reduce incidental flood damages in conjunction with habitat improvement, enhance channel aesthetics and habitat, and develop strategies to maintain the long-term viability of flood control measures and habitat restoration actions.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	Study \$2,462
Estimated Non-Federal Cost	2,462
Cash	(0)
In-Kind	(2,462)
Total Estimated Study Cost	\$4,924
Allocation through FY 04	1
Allocation for FY 05	79
Allocation for FY 06	396
Allocation for FY 07	600
Balance to Complete after FY 07	1,386
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to continue the feasibility phase, including preparation of concept designs for the watershed alternatives, public involvement, hydrologic & hydraulic modeling and documentation of existing conditions.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, the feasibility study could be completed in September 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project based on high priority ecosystem restoration benefits.

CONGRESSIONAL INTEREST: Senators Webb (VA) and Warner (VA); Representatives Moran (VA-08) and Davis (VA-11).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
INVESTIGATION

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Middle Potomac River - Great Seneca/Muddy Branch, MD

AUTHORIZATION: Resolutions of the Senate Public Works Committee, dated 26 January 1956, 6 July 1959, and 23 May 2001.

LOCATION: Great Seneca Creek and Muddy Branch are two adjacent tributaries to the Potomac River. Both streams are wholly located in Montgomery County, Maryland, and enter the Potomac about 7 miles upstream of Great Falls.

DESCRIPTION: The Great Seneca Creek watershed measures 75 square miles in area and contains over 210 miles of stream. The Muddy Branch watershed measures 19 square miles in area and contains 58 miles of stream, of which 28 total stream miles are in the mostly urbanized City of Gaithersburg. Work conducted in these streams to date indicates that there are areas of degraded biological health. Both of these watersheds are showing the effects of urbanization and suburban growth, alterations in stormflow characteristics and concentration of flow due to increasing impervious surface and storm drain construction, and increasing stream widening and/or deepening leading to further channel instability and loss of habitat. The feasibility study will assess how to protect, repair, and restore the biological health of the streams.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA</u>	
Estimated Federal Cost	Study \$1,473
Estimated Non-Federal Cost	1,473
Cash	(0)
In-Kind	(1,473)
Total Estimated Study Cost	\$2,946
Allocation through FY 04	1
Allocation for FY 05	55
Allocation for FY 06	248
Allocation for FY 07	340
Balance to Complete after FY 07	829
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to continue the feasibility study, including development of concept designs, environmental impact and benefit analyses, hydraulic modeling, and public coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, the feasibility study could be completed in September 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project based on high priority ecosystem restoration benefits.

CONGRESSIONAL INTEREST: Senators Mikulski (MD) and Cardin (MD); Representatives Van Hollen (MD-08) and Bartlett (MD-06).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT/STUDY NAME:** New Jersey Intracoastal Waterway, Environmental Restoration, NJ

**AUTHORIZATION:** House Committee on Transportation and Infrastructure of the U.S. House of Representatives Resolution dated 12 September 1996.

**LOCATION:** The New Jersey Intracoastal Waterway navigation project is located from Manasquan River to the Delaware Bay and is 117 miles long used by commercial as well as recreation vessels.

**DESCRIPTION:** The recommended project will provide for ecosystem restoration measures including modifications to current dredging practices with an emphasis on techniques for recycling and the beneficial use of dredged material.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>RECON</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$100,000	\$1,591,000
Estimated Non-Federal Cost	\$ 0	\$1,591,000
Total Estimated Cost:	\$100,000	\$3,182,000
Allocation thru FY 2004	\$100,000	\$ 0
Allocation for FY 2005	\$ 0	\$ 0
Allocation for FY 2006	\$ 0	\$1,525,000
Allocation for FY 2007	\$ 0	\$ 66,000
Balance to Complete After FY 2007	\$ 0	\$ 0
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs		N/A

**FY 2007 ACTIVITIES:** Activities include continuation of data collection and completion of the draft feasibility report.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Completion of the Feasibility Phase is September 2007.

**OTHER INFORMATION:** The non-Federal sponsor is the New Jersey Department of Environmental Protection. A FCSA was executed on 5 November 1998.

**ADMINISTRATION POSITION:** The Administration support this project based on high priority ecosystem restoration benefits.

**CONGRESSIONAL INTEREST:** Sen. Lautenberg, NJ, Sen. Menendez, NJ, Rep. LoBiondo, NJ-02, and Saxton, NJ-03

**DISTRICT:** Philadelphia

**Date:** March 30, 2007

FACT SHEET  
GENERAL INVESTIGATIONS

**BUSINESS PROGRAM:** Environment

**STUDY NAME:** Peckman River and Tributaries, NJ (Peckman River in Northern New Jersey)

**AUTHORIZATION:** U.S. House of Representatives, Committee on Transportation and Infrastructure Resolution Docket 2644, adopted June 21, 2000.

**LOCATION:** The Peckman River Basin study area for flood control and ecosystem restoration is located in Essex and Passaic Counties, New Jersey.

**DESCRIPTION:** The Peckman River originates in the Town of West Orange and flows through the towns of Verona, Cedar Grove, and Little Falls to its confluence with the Passaic River in West Paterson. The Basin experiences frequent flooding from intense thunderstorms and heavy rainfall. These storms can deposit large amounts of precipitation in the watershed, producing significant runoff, which quickly surpasses the capacity of the river channel, and bridge and culvert openings. The current state of the river ecosystem reflects the type of long-term degradation often associated with heavily urbanized watersheds and provides opportunities for ecosystem restoration.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$2,200
Estimated Non-Federal Cost	\$2,200
Total Estimated Cost	\$4,400
Allocation Through FY 2004	\$195
Allocation for FY 2005	\$198
Allocation for FY 2006	\$149
Allocation for FY 2007	\$300
Balance to complete after FY 2007	\$1,358

**FY 2007 ACTIVITIES:** FY 2007 funds are being used to continue the feasibility study including plan alternatives for flood damage reduction and ecosystem restoration. Environmental studies will also be conducted. A recommended plan will be developed by the end of FY2007.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility Phase completion to be determined, subject to availability of funds.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** The Administration would support this flood control and ecosystem restoration study.

**CONGRESSIONAL INTEREST:** Representatives Rodney Frelinghuysen (NJ-11), William Pascrell, Jr., (NJ-08)

**DISTRICT:** CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Environment

STUDY NAME: Stony Brook, Millstone River Basin, NJ

AUTHORIZATION: Resolution of the Committee on Transportation and Infrastructure of the House of Representatives, adopted 5 August 1999.

LOCATION: The study area includes the entire Millstone River, which includes the Stony Brook sub basin. The Millstone River Basin is located in north-central New Jersey, halfway between Philadelphia and New York City.

DESCRIPTION: The Millstone River Basin, a major tributary of the Raritan River, is 238-square miles and is located in portions of Mercer, Middlesex, Monmouth, Hunterdon, and Somerset Counties. The Stony Brook, the largest tributary to the Millstone River, is located near Princeton Township, New Jersey. This sub-basin has a drainage area of 56 square miles.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Feasibility</u>
Estimated Federal Cost	3,400
Estimated Non-Federal Cost	3,400
Total Estimated Cost	6,800
Allocation Through FY 2004	598
Allocation for FY 2005	119
Allocation for FY 2006	124
Allocation for FY 2007	100
Balance to complete after FY 2006	2,459

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue feasibility phase of the study, including data gathering and analyses, screening of alternatives, plan formulation and environmental scoping efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Phase completion to be determined, subject to availability of funds.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration would support advancement of this study because it provides high budgetary priority flood damage reduction benefits.

CONGRESSIONAL INTEREST: Representatives Ferguson (NJ-7), and Rodney Frelinghuysen (NJ-11); Senators Menendez (NJ) and Lautenberg (NJ).

DISTRICT: CENAN

Date: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS

BUSINESS PROGRAM: Environmental Restoration

STUDY NAME: Susquehanna & Delaware River Basin, PA (Southern Anthracite Coal Region Water Resources)

AUTHORIZATION: House Committee on Transportation and Infrastructure Resolution, dated 22 May 02.

LOCATION: The Southern Anthracite Coal Region includes portions of Carbon, Luzerne, Columbia, Northumberland, Northhampton, Lehigh, Schuylkill, Dauphin, Berks, and Lebanon Counties and straddles the headwaters of the Nescopeck, Catawissa, Shamokin, Mahanoy, Mahantango, Wiconisco, Swatara, Schuylkill and Lehigh River watersheds, which feed directly into the Susquehanna and Delaware River Basins.

DESCRIPTION: The region has been intensely mined for Anthracite Coal since the early 1800's, resulting in serious and long-lasting environmental damage including loss of aquatic and terrestrial habitat. This comprehensive study would address aquatic ecosystem restoration, acid mine drainage abatement, floodplain management, flood control and water supply.

	FY 2007 (\$000)	
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>Recon</u>	<u>Feas</u>
Estimated Federal Cost	\$ 450	2,000
Estimated Non-Federal Cost:	0	2,000
Cash	0	0
Other	0	2,000
Total Estimated Cost	\$ 450	4,000
Allocation through FY 04	149	0
Allocation for FY 05	173	0
Allocation for FY 06	64	0
Allocation for FY 07	25	0
Balance to Complete After FY 07	39	2,000
Benefit to Cost Ratio Applicable Rate - N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio (7%) - N/A		

FY 07 ACTIVITIES: FY 07 funds are being used to finalize the project management plan and negotiate the feasibility cost sharing agreement. Execution of the FCSA is anticipated in FY 08.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, the recon phase would be completed in March 2008 and the feasibility study could be completed in September 2011.

OTHER INFORMATION: None.

ADMINISTRATIVE POSITION: The Administration supports watershed management and ecosystem restoration studies.

CONGRESSIONAL INTEREST: Senators Specter and Casey (PA), Gerlach (PA-06), Carney (PA-10), Kanjorski (PA-11), Dent (PA-15), Pitts (PA-16), Holden (PA-17)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT/STUDY NAME:** Susquehanna & Delaware River Basins, PA

**AUTHORIZATION:** This study was authorized by the House Resolution dated 22 May 2002 by the House Committee on Transportation and Infrastructure.

**LOCATION:** The Pine Knot study area is located near Minersville, Schuylkill County, Pennsylvania.

**DESCRIPTION:** The Reconnaissance Study was initiated in the spring of 2003 and assessed the Federal interest for further feasibility studies to develop potential solutions for watershed restoration, ecosystem restoration, fish and wildlife habitat restoration and allied purposes. As part of the reconnaissance phase an expedited reconnaissance study was completed in accordance with Section 905(b) of the Water Resources Development Act (WRDA) 1986.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>RECONNAISSANCE</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$ 120,000	\$1,250,740
Estimated Non-Federal Cost	\$ 0	\$1,250,740
Total Estimated Cost:	\$ 120,000	\$2,501,480
Allocation thru FY 2004	\$ 0	0
Allocation for FY 2005	\$ 0	0
Allocation for FY 2006	\$ 20,000	0
Allocation for FY 2007	\$1,00,000	\$1,250,740
Balance to Complete After FY 2007	\$ 0	
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs		N/A

**FY 2007 ACTIVITIES:** FY 2007 funds will be used to negotiate the PMP, complete the recon phase, and the Feasibility Cost Share Agreement coordinate.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The Reconnaissance Phase is expected to be completed by FY 2007.

**OTHER INFORMATION:** The reconnaissance phase will end with the signing of a Feasibility Cost Sharing agreement.

**ADMINISTRATION POSITION:** In accordance with Administration policy based on Environmental Restoration benefits.

**CONGRESSIONAL INTEREST:** Sen. Casey (PA), Sen. Specter (PA), Rep. Kanjorski, (PA-11) and Rep. Holden (PA-17)

**DISTRICT:** Philadelphia

**Date:** March 30, 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT/STUDY NAME:** Schuylkill River, Wissahickon River Basin, PA

**AUTHORIZATION:** Resolution of the Committee on Public Works and Transportation of the United States House of Representatives, dated 15 March 1988.

**LOCATION:** Study area is located in southeastern Pennsylvania, along the Wissahickon Creek, a tributary to the Schuylkill River. The 25-mile long creek is about 13 miles upstream of the confluence with the Delaware River in Philadelphia, Pennsylvania, draining an approximate area of 64 square miles.

**DESCRIPTION:** Study will evaluate potential solutions for ecosystem restoration, flood plain management measures, streambank erosion control, water quality management, stream flow and corridor management, and geographic information system modeling, as well as opportunities for local flood damage reduction measures in the City of Philadelphia, Pennsylvania.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>RECON</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$125,000	\$ 754,000
Estimated Non-Federal Cost	\$ 0	\$ 754,000
Total Estimated Cost:	\$125,000	\$1,508,00
Allocation thru FY 2004	\$125,000	\$ 36,000
Allocation for FY 2005	\$ 0	\$ 79,000
Allocation for FY 2006	\$ 0	\$ 83,000
Allocation for FY 2007	\$ 0	\$ 100,000
Balance to Complete After FY 2007	\$ 0	\$ 456,000
Benefit to Cost Ratio Applicable Rate ( %)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs		N/A

**FY 2007 ACTIVITIES:** Activities include continuation of data collection and plan formulation.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Completion of the Feasibility Phase is to be determined, due to budget constraints funding not known at this time.

**OTHER INFORMATION:** The non-Federal sponsor is the City of Philadelphia. The Feasibility Cost Sharing Agreement was executed on 12 April 2004.

**ADMINISTRATION POSITION:** In accordance with Administration policy based on Environmental Restoration benefits.

**CONGRESSIONAL INTEREST:** Sen. Specter, PA, Sen. Casey, PA, Rep. Schwartz, PA-13 and Rep. Fattah, PA-2

**DISTRICT:** Philadelphia

**Date:** March 30, 2007



# CONSTRUCTION

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME: Baltimore Metropolitan Water Resources, Gwynns Falls, MD.

AUTHORIZATION: FY 2004 Energy & Water Development Appropriations Act, PL 108-137, and  
FY 2006 Energy & Water Development Appropriations Act, PL 109-103

LOCATION: The Gwynns Falls watershed is located in Baltimore County and City, and drains through the Baltimore Harbor into the Chesapeake Bay. The Gwynns Falls watershed is approximately 66 square miles in area.

DESCRIPTION: The project includes environmental restoration measures such as restoring wetlands, stabilizing streambanks, rehabilitating the sewer system, and retrofitting stormwater management features.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	9,100
Estimated Non-Federal Cost	4,900
Total Estimated Cost	14,000
Allocation thru FY 04	0
Allocation for FY 05	200
Allocation for FY 06	1,905
Allocation for FY 07	0
Balance to Complete after FY 07	6,995
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 06 carryover funds are being used to execute the PCA, and advertise and award the construction contract for the first site, Maidens Choice Run.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding all sites could be completed in FY 09.

OTHER INFORMATION: In November 2006, the ASA(CW) determined that the rehabilitation work is integral to the success of the project and as such, the City may receive credit or reimbursement for this work.

ADMINISTRATION POSITION: The Administration supports the project as it is consistent with the environmental restoration authority.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD); and Representatives Sarbanes (MD-03) and Cummings (MD-07)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME: Chesapeake Bay Environmental Restoration and Protection Program, MD, VA and PA.

AUTHORIZATION: Section 510 of Water Resources Development Act (WRDA) of 1996, as amended by Energy and Water Development Appropriations Act of 2004, 117 Stat. 1830.

LOCATION: Projects are located on the tributaries to the Chesapeake Bay in Maryland, Pennsylvania and Virginia.

DESCRIPTION: (1) Smith Island, MD, is located in the Chesapeake Bay, straddling the MD-VA state line. The project consists of upgrades to two wastewater treatment plants (WWTPs); (2) The City of Scranton is located in the northeastern portion of Pennsylvania. The proposed work consists of upgrades to the existing WWTP; (3) Taylor's Island/Punch Island Road, MD, is located at the confluence of the Little Choptank River and the Chesapeake Bay. The project entails construction of approximately 5,200 linear feet of shoreline protection; (4) The Middle Branch River is located in Baltimore City, MD, and would entail creation of wetlands and implementation of a trash removal system; (5) The Rappahannock River Oyster Restoration project was completed in 2001; (6) The Tylerton Shoreline Protection project was completed in 2003; (7) An environmental impact statement (EIS) is underway for introducing non-native oyster species into the Chesapeake Bay; (8) Ewell/Rhodes Point is located on Smith Island, Maryland. The proposed work consists of shoreline protection using a bulkhead. (9) Additional projects include Anacostia River Watershed Wetland Restoration - MD, Bodkin Island Habitat Restoration - MD, Still Pond Shoreline Protection - MD, Highland Beach Shoreline Protection - MD, and separating combined sewer overflows in PA.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	10,000
Estimated Non-Federal Cost	3,333
Total Estimated Cost	13,333
Allocation Thru FY 04	4,379
Allocation for FY 05	1,490
Allocation for FY 06	1,980
Allocation for FY 07	120
Balance to Complete after FY 07	2,031
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 06 carryover funds are being used to construct a stone revetment along Punch Island Road on Taylor's Island and to complete the draft EIS for the non-Native Oyster study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, identified projects could be completed in FY 09.

OTHER INFORMATION: The current authorization limit of \$10,000,000 is insufficient to fully fund those projects currently identified in the program.

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME: Chesapeake Bay Environmental Restoration and Protection Program, MD, VA and PA.

ADMINISTRATION POSITION: The Administration would not support the Smith Island and Scranton WWTPs, as such projects are the responsibility of local interests. The Administration would support the Taylor's Island/Punch Island Road Shoreline Protection Project, and Baltimore Harbor Middle Branch Wetland Creation Project, and the non-native oyster EIS as each project is consistent with the environmental restoration authority.

CONGRESSIONAL INTEREST: Senators Cardin and Mikulski (MD), Casey and Specter (PA), Warner and Webb (VA), Gilchrest (MD-01), Sarbanes (MD-03), Kanjorski (PA-11), Davis (VA-01), Drake (VA-2), Scott (VA-3), and Forbes (VA-4)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME: Chesapeake Bay Oyster Recovery, MD & VA

AUTHORIZATION: Section 704(b) WRDA 1986, as amended by Section 505 WRDA 1996, Section 342 WRDA 2000, the FY 02 Energy & Water Development Appropriations Act, and the FY 06 Energy and Water Development Appropriations Act.

LOCATION: The Chesapeake Bay is located in the State of Maryland and the Commonwealth of Virginia.

DESCRIPTION: The first phase of the project consisted of a multi-agency Federal and State of Maryland program to restore oyster populations in Maryland's portion of the Chesapeake Bay. This \$3,334,000 project included construction and rehabilitation of oyster reefs to create disease-free oyster habitat; construction of seed bars for production and collection of disease-free oyster seed or "spat;" planting disease-free spat in locations which best foster oyster reproduction and health; and monitoring the performance of the project to increase oyster populations.

The second phase of the project consists of producing a long-term master plan for future restoration sites, and construction of oyster habitat restoration sites in Tangier and Pocomoke Sounds and the Great Wicomico and Lynnhaven Rivers in Virginia, as well as in several Chesapeake Bay tributaries in Maryland. The Virginia project consists of restoring 439 acres of oyster habitat and planting disease-resistant native oysters and seed. The Maryland project, which totals 467 acres as of 2006, will continue the activities performed for the first phase.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA:</u>	<u>Construction</u>
Estimated Federal Cost	\$30,000
Estimated Non-Federal Cost	10,000
Cash	0
In-Kind	10,000
Total Estimated Cost	\$40,000
Allocation through FY 04	13,020
Allocation for FY 05	1,785
Allocation for FY 06	2,158
Allocation for FY 07	2,250
Balance to Complete after FY 07	10,787
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to continue development of a long-term master plan, to monitor completed restoration sites, to continue the Phase II short-term project in Maryland and to restore additional oyster habitat and planting oysters and seed in the Lynnhaven River and Great Wicomico River.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding in the out years, this phase of the program could be completed in September 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project based on high priority environmental restoration benefits.

FACT SHEET  
CONSTRUCTION, GENERAL

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME: Chesapeake Bay Oyster Recovery, MD & VA

CONGRESSIONAL INTEREST: Senators Mikulski and Cardin (MD); Senators Webb and Warner (VA); Representatives Gilchrest (MD-01), Sarbanes (MD-03), Hoyer (MD-05), Davis (VA-01), Drake (VA-02), and Scott (VA-03).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME: Cumberland, MD

AUTHORIZATION: Section 535 of WRDA 96 and Section 580 of WRDA 99

LOCATION: The Cumberland, MD and Ridgeley, WV flood control project is located at the junction of the North Branch of the Potomac River and Wills Creek along the panhandle borders of northwest Maryland and northeast West Virginia.

DESCRIPTION: In the early 1950's during the construction of the Cumberland, MD and Ridgeley, WV project, the terminus of the Chesapeake and Ohio (C&O) Canal was filled in. The Water Resources Development Act (WRDA) of 1999 authorized the project at \$15 million and directed the Secretary of the Army to modify the project for flood control and other purposes at Cumberland, MD, to undertake, as a separate part of the project, restoration of the historic C&O Canal substantially, in accordance with the design analysis previously prepared for the National Park Service in February 1998.

<u>SUMMARIZED FINANCIAL DATA:</u>	<u>FY 2007 (\$000)</u> <u>Construction</u>
Estimated Federal Cost	9,750
Estimated Non-Federal Cost	5,250
Cash	0
Other	5,250
Total Estimated Cost	15,000
Allocation through FY 04	5,033
Allocation for FY 05	2,790
Allocation for FY 06	809
Allocation for FY 07	0
Balance to Complete after FY 07	1,118
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 06 carryover funds are being used to coordinate with the local sponsor to resolve railroad bridge issues. When the issue is resolved, design will be initiated on the full 1.2-mile project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding and an increase in project authorization to fund the entire 1.2-mile project, construction could be completed in FY 2011.

OTHER INFORMATION: Funding authorization must be increased to \$25 million to complete the 1.2-mile project. The rewatering project includes a requirement for a railroad bridge to carry the existing Western Maryland Scenic Railroad train over the new canal prism to connect to the existing CSX mainline. A task force of local entities is evaluating options for funding and carrying out this work. This is not a Federal responsibility.

ADMINISTRATION POSITION: The Administration does not support this project.

CONGRESSIONAL INTEREST: Senators Cardin(MD) and Mikulski (MD), Bartlett (MD-06)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL (Initial Construction)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT NAME AND STATE:** Delaware Bay Coastline, Pt. Mahon, DE

**AUTHORIZATION:** Section 101 (a) (12) of WRDA 1999.

**LOCATION:** The project area is located approximately 7.5 miles east of Dover, DE, along the Delaware Bay Coastline in Kent County.

**DESCRIPTION:** It is an ecosystem restoration and protection project consists of a 5,200-foot long beachfill with periodic nourishment to provide for horseshoe crab and shorebird habitat. It also includes raising of State Road 89 for a distance of 7,500 feet and placement of riprap along a 1,200-foot length of the road to protect the wetland, west of the road. The project will also restore 21.4 acres of degraded wetland habitat west of the State Road 89.

**SUMMARIZED FINANCIAL DATA:**

	<u>Construction</u> 1/
Estimated Federal Cost	\$34,600,000
Estimated Non-Federal Cost	\$18,700,000
Total Estimated Project Cost	\$53,300,000 2/

Allocation thru FY 2004	\$ 826,371
Allocation for FY 2005	\$ 222,000
Allocation for FY 2006	\$ 638,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$32,913,629
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio 7%	N/A

1/ Amounts include PED costs and are contingent upon approval of the updated Limited Reevaluation Report

2/ Initial construction costs \$14,414,000; Federal \$10,677,000; NF \$3,737,000

**FY 2007 ACTIVITIES:** A portion of the carry over funds (\$688,900) is being used to process the Project Cooperation Agreement.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funding completion date is unknown. If initial construction completion funds are provided in FY 2008 the estimated completion date is 2058. This date is based on 50-years from completion of initial construction since this project is an Ecosystem Restoration and Flood and Coastal Storm Damage Reduction Project with a 50-year project life.

**OTHER INFORMATION:** The non-Federal sponsor is the Delaware Department of Natural Resources and Environmental Control. OMB Approval still outstanding.

**ADMINISTRATION POSITION:** The Administration supports initial construction for this project based on environmental quality benefits. Budgeting for this project is dependent on OMB approval. The administration does not support budgeting for periodic renourishment because of the budget constraints, but if the project is authorized and Congress selects to add money for periodic renourishment, they can do so.

**CONGRESSIONAL INTEREST:** Rep. Castle (DE-AL), Sen. Carper (DE) and Sen. Biden (DE).

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07



FACT SHEET  
CONSTRUCTION GENERAL (Initial Construction)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT NAME AND STATE:** Delaware Bay Coastline, DE & NJ, Reeds Beach to Pierces Point, NJ

**AUTHORIZATION:** Section 101 (b) (6) of WRDA 1999.

**LOCATION:** Reeds Beach and Pierces Point are residential bay-front communities located along the Delaware Bay in Middle Township, Cape May County, NJ.

**DESCRIPTION:** The recommended plan at each location consists of a one-time placement of sand to achieve an 80-foot wide berm that slopes from an elevation of +5.5 feet NGVD at the landward edges of berm, to an elevation of +3.5 feet NGVD at the seaward edge of berm.

The overall project length is 6,800 feet. The project was formulated for ecosystem restoration, but also provides hurricane and storm damage reduction benefits for the communities of Reeds Beach and Pierces Point.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b> 1/
Estimated Federal Cost	\$4,013,000
Estimated Non-Federal Cost	\$2,161,000
Total Estimated Project Cost	\$6,174,000 2/
Allocation thru FY 2004	\$ 471,000
Allocation for FY 2005	\$ 367,000
Allocation for FY 2006	\$ 575,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$2,600,000
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio 7%	N/A

1/ Amounts include PED costs.

2/ Estimate is based on LRR which was approved June 2006.

**FY 2007 ACTIVITIES:** Carry over funds (\$727,200) will be used to execute the Project Cooperation Agreement and initiate real estate coordination.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funding completion date is unknown. If initial construction completion funds are provided in FY 2008 the estimated completion date is 2008.

**OTHER INFORMATION:** This project is based on environmental quality benefits to restore the beach environment habitat for sustaining horseshoe crabs, a major dietary ingredient of migratory birds. There are five years of environmental monitoring that is scheduled after completion of initial construction. The non-Federal sponsor is the New Jersey Department of Environmental Protection.

**ADMINISTRATION POSITION:** The Administration supports this project based on high priority environmental restoration benefits.

**CONGRESSIONAL INTEREST:** Rep. LoBiondo (NJ-02), Rep. Frelinghuysen (NJ-11), Sen. Lautenberg (NJ) & Sen. Menendez (NJ)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL (Initial Construction)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental

**PROJECT NAME AND STATE:** Delaware Bay Coastline, DE & NJ (Villas and Vicinity, NJ)

**AUTHORIZATION:** Section 101(a) of WRDA 1999.

**LOCATION:** This ecosystem restoration project is located along the Delaware Bay in Middle and Lower Townships, Cape May County, New Jersey.

**DESCRIPTION:** The recommended plan, restoring horseshoe crab and shore bird habitats, is a one-time placement of 950,000 cubic yards of sand to provide an 80-foot wide berm at an elevation of +4.7 feet NAVD over a total length of 29,000 feet. Seventeen outfalls located in the project boundaries will be extended about 100 feet. The project does not include periodic nourishment for the shoreline area.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Construction</u></b> 1/
Estimated Federal Cost	\$ 5,950,000
Estimated Non-Federal Cost	\$ 3,200,000
Total Estimated Project Cost	\$ 9,150,000
Allocation thru FY 2004	\$ 804,000
Allocation for FY 2005	\$ 45,000
Allocation for FY 2006	\$ 1,675,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 3,426,000
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs at 7%	N/A

1/ Amounts include PED costs.

**FY 2007 ACTIVITIES:** A portion of the carryover funds in the amount of \$1,631,400 are being used for completion of a Limited Reevaluation Report.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funding completion date is unknown. If initial construction completion funds are provided in FY 2008 the estimated completion date is 2008.

**OTHER INFORMATION:** The project is based on high priority environmental restoration benefits. Due to Administration policy on no new start, project was not budgeted. The non-Federal sponsor is the New Jersey Department of Environmental Control.

**ADMINISTRATION POSITION:** The Administration supports this project based on high priority environmental restoration benefits.

**CONGRESSIONAL INTEREST:** Rep. LoBiondo (NJ-02), Rep. Frelinghuysen (NJ-11), Sen. Lautenberg (NJ) & Sen. Menendez (NJ)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL

**BUSINESS PROGRAM:** Environment

**PROJECT/STUDY NAME:** Rappahannock River, Virginia, Embry Dam, Dam Removal

**AUTHORIZATION:** Section 590 of the Water Resources Development Act of 1999

**LOCATION:** The project area encompasses the upstream limits of the Rappahannock River through City of Fredericksburg and Spotsylvania and Stafford counties, Virginia. This is in the vicinity of the river fall line.

**DESCRIPTION:** The City of Fredericksburg, Stafford County, and state environmentalists support the restoration of this beautiful river to its more natural state of a free flowing river. This would allow for the migration of fish to upstream areas. The project will provide for fish passage by removal of the Embry Dam located at approximately river mile 109. Also included in the project are sediment removal, bank stabilization and riparian restoration behind the dam and preservation of the historic Rappahannock canal.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 <u>Construction</u>
Estimated Federal Cost	\$ 10,000,000
Estimated Non-Federal Cost	\$ 282,000
Cash	0
Other (LERRDs)	\$ 282,000
Total Estimated Project Cost	\$ 10,282,000
Allocation thru FY 2004	\$ 5,262,000
Allocation for FY 2005	\$ 1,510,000
Allocation for FY 2006	\$ 1,386,000
Allocation for FY 2007	\$ 300,000
Balance to Complete After FY 2007	\$ 1,542,000
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

**FY 2007 ACTIVITIES:** Carry over FY 2006 funds and the FY 07 \$300,000 allocation are being used to award the final contract for completion of the Embry Dam removal project.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007.

**OTHER INFORMATION:** The Project Cooperative Agreement (PCA) was executed on 2 December 2002. The contract for sediment removal was awarded in March 2003 and was completed in January 2004. The contract for removal of the Embry Dam was awarded in May 2004 and completed in May 2005. The final contract for the intake structure and pump station for providing water to the historic Rappahannock Canal is schedule to begin in September 2007 and be completed in September 2008.

**ADMINISTRATION POSITION:** The Administration also does not support work on non-Federal dams and deems any work as the responsibility of the owner.

**CONGRESSIONAL INTEREST:** Senators Warner (VA) and Webb (VA). Representative Davis (VA-1).

**DISTRICT:** Norfolk District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Environment

PROJECT NAME: Lake Champlain Watershed, Vermont and New York (Lake Champlain Watershed Initiative)

AUTHORIZATION: Section 542, WRDA 2000 (P.L. 106-541)

LOCATION: The project area encompasses the Lake Champlain watershed, in NY & VT

DESCRIPTION: Major tributaries include the Winooski River in Vermont and the Saranac River in New York. The basin is experiencing environmental degradation problems that are to be addressed in a comprehensive approach. The effort will complement State and local efforts in pollution prevention, control, and restoration.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007(\$000)
	<u>Construction</u>
Estimated Federal Cost	\$20,000
Estimated Non-Federal Cost	\$10,800
Cash	\$1,800
Other	\$9,000
Total Estimated Cost	\$30,800
Allocation Through FY 2004	128
Allocation for FY 2005	76
Allocation for FY 2006	1,340
Allocation for FY 2007	300
Balance to complete after FY 2007	\$18,156
Benefit to Cost Ratio Applicable Rate (N/A)	
Remaining Benefits Remaining Cost Ratio (N/A)	

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue Lake George construction contract, execute 3 project cooperation agreements (Town of Keene in NY, City of S. Burlington and St. Albans in VT), and initiate implementation of the projects.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project construction completion to be determined, subject to availability of funds.

OTHER INFORMATION: The GMP lays out a framework to address pollution prevention, control, and environmental restoration. Under this program, individual projects are identified, prioritized, and certified by individual states for implementation. The process will be analogous to that employed for the New York City Watershed project, where upon approval of the Program's GMP, individual design, design/construct, or construction projects/efforts will be recommended based on a Project Fact Sheet. The cost sharing is 65% Federal and 35% non-Federal. **Report language is suggested.**

ADMINISTRATION POSITION: This project is not consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Patrick Leahy (VT), Bernie Sanders (VT), Clinton (NY), Schumer (NY); Representative John McHugh (NY-23)

DISTRICT: CENAN

Date: 2 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 1135)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Ecosystem Restoration

**PROJECT/STUDY NAME:** Modification of the Fort Mifflin Confined Disposal Facility, Philadelphia, PA

**AUTHORIZATION:** Section 1135 of the Water Resources Development Act of 1986 as amended (project modifications for improvement of the environment).

**LOCATION:** The ecosystem being improved and protected is located in the west-central portion of the City of Hazelton, Luzerne County, PA. The site is a 300 -acre parcel of land that has been impacted by surface and deep mining operations. The Federal project being modified is the Corps' Confined Disposal Facility (CDF) at Fort Mifflin, PA. The site is at the confluence of the Schuylkill and Delaware Rivers on the former Hog Island.

**DESCRIPTION:** The result of this project will be a long-term plan and program to advance the beneficial use of dredged material to restore, protect and enhance abandoned lands damaged by mining. The immediate project will affect approximately 100 acres of land at the Fort Mifflin Facility and 330 acres of abandoned mine land and 4,000 feet of waterway at Hazelton.

**SUMMARIZED FINANCIAL DATA**

	<b><u>Construction</u></b>
Estimated Federal Cost	\$5,000,000
Estimated Non-Federal Cost	\$2,133,333
Total Estimated Cost	\$7,133,333
Allocation thru 2004	\$ 875,000
Allocation for FY 2005	\$1,735,000
Allocation for FY 2006	\$2,390,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Complete Construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** 30 September 2007

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 1135.

**CONGRESSIONAL INTEREST:** Reps. Brady (PA-1), Sestak (PA-7), Kanjorski (PA-11)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Bird Island Restoration, Marion, Massachusetts

AUTHORIZATION: Section 206, Aquatic Ecosystem Restoration, WRDA 1996, as amended.

LOCATION: Bird Island, located in Marion, Massachusetts.

DESCRIPTION: Bird Island is approximately 1.5 acres in area and is surrounded by a deteriorating stone revetment. The island supports a stone and masonry lighthouse that is listed on the National Register of Historic Places. The island provides critical nesting habitat for roseate terns and common terns. Bird Island supports 25 to 30 percent of the North American population of roseate terns, which are listed as endangered at both the Federal and State levels of jurisdiction. Wave induced erosion and submergence during storm events has lowered the ground elevation of the island and created a sandy/gravelly substrate, reducing the area suitable for tern nesting. The objective of the Section 206 project is to restore Bird Island to a habitat favorable for nesting roseate and common terns by rebuilding the revetment and replacing the eroded substrate.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Plan &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	43	210	2,251
Estimated Non-Federal Cost	0	0	1,349
Cash	(0)	(0)	(1,349)
Other	(0)	(0)	(0)
Total Estimated Project Cost	43	210	3,600
Allocations thru FY 2004	3	0	0
Allocation in FY 2005	0	0	0
Allocation in FY 2006	40	59	0
Allocation in FY 2007	0	121	0
Balance to Complete After FY 2007	0	30	2,251
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to continue project design including preparation of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2008.

OTHER INFORMATION: The Feasibility Report was approved by CENAD on 5 October 2006.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Representative Frank (MA-8)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Blackwater, MD

AUTHORIZATION: Continuing Authorities Program, Section 206 of the Water Resources Development Act of 1996, as amended

LOCATION: Dorchester County, Maryland

DESCRIPTION: The Blackwater project area includes the Blackwater National Wildlife Refuge, Fishing Bay Wildlife Management Area, and surrounding lands, which form the largest and most significant marsh complex within the Chesapeake Bay watershed and play a key part in the overall ecology of the Chesapeake Bay. Blackwater Refuge alone has lost an estimated 8,000 out of 17,000 acres of tidal marsh, making it one of the hardest hit areas in the Chesapeake Bay. The rate of wetland loss in Fishing Bay and surrounding marshes is unknown, but is estimated to be in the hundreds of acres per year. The marsh loss is the result of a complex interaction between sea level rise, altered hydrology, sediment loss, damage from non-native species, and wave action in the open water areas. The project is evaluating the possible beneficial use of dredged material from the Port of Baltimore's Chesapeake Bay approach channels and other sources to restore the tidal wetlands in Lower Dorchester County.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$ 1,545
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 1,545
Allocation thru 2004	\$ 1,166
Allocation for FY 2005	- 14
Allocation for FY 2006	243
Allocation for FY 2007	150
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___%):	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: FY 07 funds are being used to finalize the feasibility report for submittal to Division.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Gilchrest (MD-01); Senators Cardin and Mikulski (MD)

DISTRICT: Baltimore

Date: 3 April 2007



FACT SHEET  
CONSTRUCTION  
(SECTION 1135 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Broad Meadows Marsh, Quincy, Massachusetts

AUTHORIZATION: Section 1135, 1986 Water Resources Development Act, as amended.

LOCATION: Broad Meadows Marsh is located south of Boston Harbor in the city of Quincy, Massachusetts.

DESCRIPTION: Broad Meadows Marsh has experienced severe aquatic degradation due to the placement of dredged materials from the Federal navigation project at Town River. Approximately 110 acres of salt marsh were filled between 1935 and 1956. Subsequently, the City developed about 36 acres of the filled area as part of the Broad Meadows School site, DPW Maintenance Yard and the Quincy Youth Hockey Rink. Approximately 37 acres of salt marsh habitat and 12 acres of saltwater channels and pools could be restored by grading to salt marsh elevations and excavating a new network of creeks to improve the marsh's tidal exchange. The saltwater pools would provide a refuge for marine life during periods of low tide. Excavated material would be used to create a coastal grassland area.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Plan &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	360	300	2,430
Estimated Non-Federal Cost	0	0	1,030
Cash	(0)	(0)	(1,030)
Other	(0)	(0)	(0)
Total Estimated Project Cost	360	300	3,460
Allocations thru FY 2004	360	10	0
Allocation in FY 2005	0	154	0
Allocation in FY 2006	0	86	0
Allocation in FY 2007	0	50	0
Balance to Complete After FY 2007	0	0	2,430
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete project design including preparation of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: The Final Detailed Project Report, Environmental Assessment and Finding of No Significant Impacts (FONSI) were signed on 17 June 2004. The project was approved for construction by CENAD on 3 August 2004.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 1135 authority.

CONGRESSIONAL INTEREST: Senators Kennedy (MA) and Kerry (MA), and Representative Delahunt (MA-10)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Brush Neck Cove, Warwick, Rhode Island

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: The City of Warwick is located in central Rhode Island near the head of Narragansett Bay. The southern shoreline of Warwick forms Greenwich Bay, which empties into Narragansett Bay.

DESCRIPTION: The Rhode Island Coastal Resources Management Council (CRMC) adopted a Special Area Management Plan for Greenwich Bay in 2005. As part of this effort, CRMC worked with various state and Federal agencies to identify areas of degraded habitat. Brush Neck Cove is one of the areas identified. This cove was once home to prime shellfish habitat, which has been degraded by accumulated sedimentation of the cove. CRMC is interested in restoring Brush Neck Cove and the adjacent cove, Button Woods Cove. Restoration measures would involve removal of accumulated sediments. Sandy material could be placed on nearby beaches and fine material would be moved offsite or reused onsite to create salt marsh. Ultimately, CRMC hopes that the restored site could be seeded as part of a public aquaculture project and serve as a spawner sanctuary.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	400	627
Estimated Non-Federal Cost	0	553
Cash	(0)	(553)
Other	(0)	(0)
Total Estimated Project Cost	400	1,180
Allocations thru FY 2004	0	0
Allocation in FY 2005	61	0
Allocation in FY 2006	149	0
Allocation in FY 2007	190	0
Balance to Complete After FY 2007	0	627
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete the feasibility study of restoration opportunities for Brush Neck Cove, including hydraulic and ecological assessment efforts and report preparation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: The Preliminary Restoration Plan was approved by CENAD on 29 July 2004.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Senators Reed (RI) & Whitehouse (RI) & Representative Langevin (RI-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 1135)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Ecosystem Restoration

**PROJECT/STUDY NAME:** Environmental Restoration of Dredged Holes #5 & #6, Barnegat Bay, New Jersey

**AUTHORIZATION:** Section 1135 of the Water Resources Development Act of 1986, as amended (project modifications for improvement of the environment)

**LOCATION:** Dredged hole #6 is located in Barnegat Bay, Ocean County, New Jersey, in the southeastern part of the State.

**DESCRIPTION:** The project consisted of dredging material from Double Creek Channel within Barnegat Bay using cutterhead suction dredges. The material (approximately 125,000 cy) was hydraulically pumped to dredged hole #6. The hole was filled to an average of -18 ft NAVD. The material was placed using a method that reduced potential for disturbance of existing bottom material (including relatively soft, fine-grained silt and mud) and decreased suspended sediments in the upper water column. Dredged material was placed in mounds on the bottom. By mounding the material, dead SAV will tend to accumulate in the valleys and better benthic habitat will exist on and near the tops of the mounds. The tops of the mounds were placed at depths designed to maximize the benefit of benthic habitat. The mounds also have the potential for creating more habitat heterogeneity and increase the amount of refuge area for juvenile weakfish, soft crabs, and other species that inhabit the dredged hole. Placement of dredged material was completed in February 2005.

**SUMMARIZED FINANCIAL DATA**

	<b><u>Construction</u></b>
Estimated Federal Cost	\$1,902,671
Estimated Non-Federal Cost	\$ 623,244
Total Estimated Cost	\$2,525,915
Allocation thru FY 2004	\$ 500,271
Allocation for FY 2005	\$1,337,400
Allocation for FY 2006	\$ 65,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Initial construction is complete. Monitoring will not be accomplished due to sponsor's lack of interest.

**OTHER INFORMATION:** Carryover from FY 2006 in the amount of \$65,000 was to be used for project monitoring. Due to lack of funding from Sponsor, project is suspended.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 1135.

**CONGRESSIONAL INTEREST:** Cong. Saxton

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 206-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Echo Bay, New Rochelle, New York

AUTHORIZATION: 22 U.S.C. 2330 (Section 206 of WRDA 1996)

LOCATION: New Rochelle, NY

DESCRIPTION: Echo Bay is an industrial harbor with manufacturing plants and commercial facilities along the shoreline. A sewage treatment plant, servicing several towns within Westchester County, is located on the western bank. Five Islands Park is located in the center of the Bay and is a heavily used recreational area. In the northeast section of the bay is the Mill Pond. This area is filled with tidal flats and marshes. This project would consider restoration of the bay bottom ecosystem and reduce the deleterious effects of storm-water runoff.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility Study</u>
Estimated Federal Cost	\$ 736
Estimated Non-Federal Cost	\$ 0
Cash	\$ 0
Other	\$ 0
Total Estimated Cost	\$ 736
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 256
Allocation for FY 2006	\$ 446
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 34
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Complete data collection for feasibility phase and conduct incremental cost analysis of the restoration alternatives for the decision document.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: Likely little support from non-Federal sponsor for continuing this work.

ADMINISTRATION POSITION: Pending review of decision document

CONGRESSIONAL INTEREST: Representative Nita Lowey, NY-18

DISTRICT: New York

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
SECTION 206 - CONTINUING AUTHORITIES PROGRAM

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Elizabeth River, Scuffletown Creek, Chesapeake, Virginia

AUTHORIZATION: Section 206, WRDA 1996 (P.L. 104-303), as amended

LOCATION: The Scuffletown Creek area, a tributary to the Southern Branch of the Elizabeth River, is located on the east bank approximately two nautical miles from the Eastern Branch/Southern Branch confluence in the City of Chesapeake.

DESCRIPTION: The restoration of wetlands at the Scuffletown Creek site will convert a degraded 0.08 acre fringe area dominated by rubble fill into a 0.4 acre emergent fringe wetland that will provide additional wildlife habitat, a connection between two adjacent marshes, increased runoff filtering capacity and stabilization of the shoreline. The site is to be included in a proposed public waterfront park as part of the city's Poindexter Street Development plan.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007
Estimated Federal Cost	DI \$ 201,000
Estimated Non-Federal Cost	\$ 108,000 <u>1/</u>
Estimated Total Study Cost	\$ 309,000
Allocation thru FY 2004	\$ 26,000
Allocation for FY 2005	\$ 5,000
Allocation for FY 2006	0
Allocation for FY 2007	N/A <u>2/</u>
Balance to Complete After FY 2007	\$ 170,000
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

1/ Design Phase initially Federally funded with local cost share paid before construction.

2/ Programmatic.

FY 2007 ACTIVITIES: Fiscal year 2007 funds are being used to complete plans and specifications, and negotiate and execute the PCA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: This project is currently on hold pending a Federal decision to fund projects in the Continuing Authorities Program.

ADMINISTRATION POSITION: The Administration supports this environmental restoration project.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representative Drake (VA-2), Forbes (VA-4) and Scott (VA-3).

DISTRICT: Norfolk District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM-Section 1135)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Ecosystem Restoration

**PROJECT/STUDY NAME:** Fairmount Dam Fishladder, Philadelphia, PA

**AUTHORIZATION:** Section 1135 of the Water Resource Development Act of 1986 as amended (project modifications for improvement of the environment)

**LOCATION:** The area is located along the Schuylkill River in the City of Philadelphia, PA approximately 10 miles above the confluence of the Schuylkill River and the Delaware River.

**DESCRIPTION:** The existing ladder has poor flow conditions at the fishway entrance, impeding entry by fish, as well as inappropriate internal flows, impeding passage of fish that do manage to enter the structure. These factors limit the successful migration of anadromous fish, including shad and river herring. The future success of several upstream fish ladders is dependent on improving the operation of this ladder.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>PDA</u></b>	<b><u>CONSTRUCTION</u></b>
Estimated Federal Cost	\$364,200	\$2,136,000
Estimated Non-Federal Cost	\$ 0	\$1,150,000
Total Estimated Project Cost	\$364,200	\$3,286,000
Allocation thru FY 2004	\$317,900	\$ 0
Allocation for FY 2005	\$ 6,300	\$ 0
Allocation for FY 2006	\$ 40,000	\$ 703,000
Allocation for FY 2007	\$	\$1,433,000
Balance to Complete After FY 2007	\$ 0	\$ 0
Benefit to Cost Ratio Applicable rate (%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

**FY 2007 ACTIVITIES:** Execute a Project Cooperation Agreement and initiate and complete construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to environmental windows construction completion will occur in FY 2008.

**OTHER INFORMATION:** The City of Philadelphia is the non-Federal sponsor. The FY 2006 Conference Bill (the Energy and Water Development Appropriations Act, 2006 - P.L. 109-103) includes a moratorium on execution of new Project Cooperation Agreements (PCA) unless you have full Federal funding in hand. Failure to execute the PCA prevented initiation of construction in FY 2006.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 1135.

**CONGRESSIONAL INTEREST:** Sen Specter (PA) and Sen. Casey (PA); Rep. Brady (PA-1) & Rep. Fattah (PA-2)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 208-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Great Piece Meadows, NJ

AUTHORIZATION: Section 208 of the Flood Control Act of 1954, as amended (33 U.S.C. 701g).

LOCATION: Great Piece Meadows, Essex County, New Jersey

DESCRIPTION: Multiple locations in the Great Piece Meadows of Essex County are faced with nuisance flooding caused, in part, by woody and other debris, which has reduced the water carrying capacity of the Passaic River and its tributaries. Urbanization has increased storm water runoff in and around the project area, as well.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$ 40
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 40
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 193
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate	Not Available
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Initial Appraisal Report completed in October 2006.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: No further work is anticipated because the IAR found that there were no alternatives for which the benefits exceeded the costs.

OTHER INFORMATION: As a result of the IAR and based on information provided to date, there is no further Federal interest at this time. Surplus funding is available.

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Rodney Frelinghuysen, NJ-11

DISTRICT: New York

Date: 2 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Greenbury Point, MD

AUTHORIZATION: Continuing Authorities Program (CAP), Section 206 of the Water Resources Development Act of 1996, as amended

LOCATION: Anne Arundel County, Maryland

DESCRIPTION: The U.S. Army Corps of Engineers (USACE), in partnership with the City of Annapolis, is studying wetland restoration opportunities along Greenbury Point in Anne Arundel County, Maryland. Greenbury Point is a peninsula of land at the mouth of the Severn River. Although, the peninsula has helped protect Annapolis Harbor from storm damage and wave energy, it has suffered severe erosion and wetland loss. The peninsula was predominately tidal wetlands and has suffered severe erosion, with losses of nearly 100 acres over the past 200 years. Since the 1880s, over 35 acres had eroded before the point was hardened in the 1930s. The project is exploring the use of dredged material from the nearby Severn River Federal Navigation Channel to restore 15 to 40 acres of tidal wetlands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 642
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 642
Allocation thru 2004	\$ 0
Allocation for FY 2005	39
Allocation for FY 2006	173
Allocation for FY 2007	100
Balance to Complete after FY 2007	330
Benefit to Cost Ratio Applicable rate (___%):	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%):	N/A

FY 2007 ACTIVITIES: FY 07 funds are being used to continue the feasibility phase efforts including hydraulic analyses, baseline environmental analyses, watershed assessment, development of concept designs, preparation of feasibility designs, and public coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 08

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Gilchrest (MD-01); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007



FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM - Section 206)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Ecosystem Restoration

**PROJECT/STUDY NAME:** Grover's Mill Pond, Mercer County, NJ

**AUTHORIZATION:** Section 206 of the Water Resources Development Act of 1996, as amended (aquatic ecosystem restoration)

**LOCATION:** The study area is located in the Township of West Windsor, Mercer County, New Jersey.

**DESCRIPTION:** The goal of the Grover's Mill Pond Restoration Project is to restore fisheries habitat in a degraded freshwater pond. This goal will be accomplished through a combination of sediment removal from the existing pond bottom, physical habitat improvements, and state re-stocking efforts which will greatly improve the Grover's Mill Pond ecosystem.

<u>SUMMARIZED FINANCIAL DATA</u>	<u>DESIGN AND IMPLEMENTATION PHASE</u>
Estimated Federal Cost	\$3,360,043
Estimated Non-Federal Cost	\$1,741,000
Cash	\$1,488,000
Other	\$ 253,000
Total Estimated Cost	\$5,101,000
Allocation thru FY 2004	\$ 146,900
Allocation for FY 2005	\$ 70,000
Allocation for FY 2006	\$ 279,143
Allocation for FY 2007	\$2,864,000
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Finalize plans and specifications, execute Project Cooperation Agreement, and initiate and complete construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to environmental windows construction completion will occur in FY 2008.

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 206.

**CONGRESSIONAL INTEREST:** Representative Holt (NJ-12)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Hart-Miller Island, MD

AUTHORIZATION: Section 1135 Water Resources Development Act of 1986, as amended; 99-662

LOCATION: Baltimore County, Maryland

DESCRIPTION: Hart-Miller Island (HMI) is located in the open waters of the northern Chesapeake Bay in Baltimore County, Maryland. HMI was constructed of dredged material beginning in 1981, and is an authorized placement site for dredged material removed from the Federal navigation project serving the Port of Baltimore. The island is located adjacent to the Brewerton section of the 50-foot navigation channel. The island is 1,100 acres and is divided into 2 cells, a north cell and a south cell. In 1991, the Maryland Port Administration (MPA) closed the 300-acre south cell of the facility to further placement of dredged material. The report was completed in 1999 recommending the creation of migratory bird habitat in the south cell.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design &amp; Implementation</u>
Estimated Federal Cost	\$ 4,486
Estimated Non-Federal Cost	1,667
Cash	
Other	
Total Estimated Cost	\$ 6,153
Allocation thru 2004	\$ 4,209
Allocation for FY 2005	80
Allocation for FY 2006	35
Allocation for FY 2007	140
Balance to Complete after FY 2007	22
Benefit to Cost Ratio Applicable rate (___%):	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%):	N/A

FY 2007 ACTIVITIES: FY 07 funds are being used to close out the construction contract and develop monitoring plans, in partnership with the Fish & Wildlife Service. Interpretive signs for the trail will be installed in the spring. Initiate first year of a three-year fish and wildlife monitoring project for south cell environmental restoration project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE Complete the monitoring project for the south cell environmental restoration project in FY 09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Ruppertsburger (MD-02); Senators Cardin and Mikulski (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
(SECTION 1135 – CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Hoosic River, Adams, MA

AUTHORIZATION: 33 U.S.C. 2309a

LOCATION: Northwest Massachusetts; Berkshire County

DESCRIPTION: Flood damage reduction features, including a concrete flume and rip-rap levees located within Adams, MA have contributed to conditions increasingly unsuitable for the perpetuation of wild trout populations. This study will seek to alleviate environmental degradation problems by reducing the overall temperature of river and restoring natural stream habitat conditions along the channel. Options to be considered include the creation of additional stream cover and habitat, the construction of a low-flow channel, or the application of innovative bioengineering modifications.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 900
Estimated Non-Federal Cost	\$0
Cash	\$0
Other	\$0
Total Estimated Cost	\$900
Allocation thru 2004	\$100
Allocation for FY 2005	\$150
Allocation for FY 2006	\$500
Allocation for FY 2007	\$150
Balance to Complete after FY 2007	\$0
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Funds are being used to complete the Feasibility Study. Activities include hydrologic and hydraulic modeling and development and assessment of restoration alternatives.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY08

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: The Administration would support this environmental restoration project because ecosystem restoration is a high priority Corps mission and is consistent with Administration budgetary priorities.

CONGRESSIONAL INTEREST: Rep. John W. Olver (MA-01)

DISTRICT: New York District

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
(SECTION 204 – CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Jamaica Bay Marsh Islands Ecosystem Restoration, Queens and Brooklyn Counties, New York

AUTHORIZATION: 204, WRDA 1992, as amended, (33 U.S.C. 2326)

LOCATION: Jamaica Bay, Queens, NY. The study area is situated within the Boroughs of Brooklyn and Queens, New York City. It covers 26 square miles and opens into the Atlantic Ocean via Rockaway Inlet.

DESCRIPTION: Over the past century, the Bay's fragile ecosystem has been degraded through human encroachment and increased urbanization and the alarming rate of loss of intertidal salt marsh. This project seeks to halt this process and restore marsh and habitat while utilizing dredged material to restore up to 90 acres of intertidal marsh on two islands in the bay.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 550
Estimated Non-Federal Cost	\$0
Cash	\$0
Other	\$0
Total Estimated Cost	\$550
Allocation thru 2004	\$450
Allocation for FY 2005	\$100
Allocation for FY 2006	\$1000
Allocation for FY 2007	\$0
Balance to Complete after FY 2007	\$0
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: After preparation of the Feasibility report, the project was partially completed as a Section 207 beneficial reuse project. Funding under CAP Section 204 is no longer required for this project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: The Administration would support this environmental restoration project because ecosystem restoration is a high priority Corps mission and is consistent with Administration budgetary priorities.

CONGRESSIONAL INTEREST: Representative Gregory Meeks (NY-6) Representative Anthony Weiner (NY-9)

DISTRICT: New York District

Date: 28 Mar 2007

FACT SHEET  
CONSTRUCTION GENERAL  
SECTION 206 - CONTINUING AUTHORITIES PROGRAM

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lake Anna, Spotsylvania County, Virginia

AUTHORIZATION: Section 206, WRDA 1996 (P.L. 104-303), as amended

LOCATION: The study area is in Spotsylvania, Louisa, and Orange Counties, Virginia, approximately 60 miles northwest of the state capital in Richmond, Virginia.

DESCRIPTION: Water and sediment samples from ten of the major tributaries were analyzed by the Virginia Department of Environmental Quality (DEQ). The samples disclosed relatively high levels of mercury, arsenic, lead, zinc, cadmium, copper, and sulphur. These high levels were confirmed by more recent water and sediment samples taken by the Virginia DEQ and the Virginia Bureau of Mines and Minerals. Based on samples from five of the tributaries, high fecal coliform levels have led the Commonwealth to designate these tributaries as "impaired". In addition, PCB levels in fish tissue have led to fish advisories in the lake. The first part of the study culminated with the Preliminary Restoration Plan (PRP) that was approved in December 2004. The PRP recommended further evaluation of sediments in the Terry's Run, Pamunkey, North Anna, Contrary Creek segments, as well as other locations where PCB's are a contaminant of concern in an effort to locate the source and develop a remedial plan. Due to the level of effort required, the PRP also recommended metals contamination in the lake be addressed as a separate effort to begin in FY08.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 PDA
Estimated Federal Cost	\$ 1,260,000
Estimated Non-Federal Cost	0 <sup>1/</sup>
Total Estimated Study Cost	\$ 1,260,000
Allocation thru FY 2004	\$ 100,000
Allocation thru FY 2005	\$ 199,900
Allocation for FY 2006	\$ 173,000
Allocation for FY 2007	\$ 188,000
Balance to Complete After FY 2007	\$ 599,100
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

<sup>1/</sup> Initially Federally funded with local cost share paid before construction.

FY 2007 ACTIVITIES: Fiscal year 2007 funds are being used to complete the Formulation Notebook for the PCB analysis effort.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this environmental restoration study.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representative Cantor (VA-7).

DISTRICT: Norfolk District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 1135-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lake Champlain Sea Lamprey Barriers, VT & NY

AUTHORIZATION: Section 1135, WRDA 1986, as amended.

LOCATION: Champlain, NY

DESCRIPTION: In cooperation with the U.S. Fish and Wildlife Service and the Lake Champlain Basin Program, New York and Vermont, the New York District conducted a site visit on Aug. 31, 2004. Corps reps. visited potential lamprey barrier sites around the watershed (NY&VT). A Preliminary Restoration Plan was completed and the NYSDEC submitted a letter of intent to participate as the non-federal sponsor.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$ 50
Estimated Non-Federal Cost	\$ 50
Cash	\$ 25
Other	\$ 25
Total Estimated Cost	\$ 100
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 10
Allocation for FY 2006	\$ 370
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0+N/A*
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at 7%	Not Applicable
Remaining Benefits Remaining Costs Ratio at 7%	Not Applicable

\*Balance to Complete Next Phase (D&I) Not Yet Available

FY 2007 ACTIVITIES: Complete Feasibility in August 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest the Feasibility Phase could be completed is FY 2007.

OTHER INFORMATION: Work is continuing and funds are currently available in the project for construction.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Peter Welch VT-AL; Senators Clinton (NY) and Schumer (NY), Rep. Gillibrand (NY-20)

DISTRICT: New York

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 206-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lower Hempstead Harbor, Village of Sea Cliff, Section 206, NY

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended [33 U.S.C. 2330]

LOCATION: Town of North Hempstead, NY

DESCRIPTION: The aquatic ecosystem of the study area has experienced degradation as a result of increased urbanization of the surrounding upland areas. The primary contributors to the loss of aquatic and wetland habitats are filling and bulkheading activities surrounding the Harbor, increased sediment loading, and nutrient and contaminant runoff from the upland areas into the tributaries of the Harbor. The proposed project consists of several separate features intended to restore specific areas of degradation, including creation of low tidal marsh habitat, removal of riprap, and the creation of filtration marsh area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 900
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 900
Allocation thru 2004	\$ 222
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 0
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$678 + TBD*
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio	N/A
Remaining Benefits Remaining Costs Ratio	N/A

\* Balance to complete after FY 2007 for study costs is \$678K. Design and Implementation costs are TBD at such time that a project plan has not been fully formulated.

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest possible completion date for the Feasibility Phase would be FY09.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Ackerman, NY-5

DISTRICT: New York

Date: 2 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lower Kingman Island

AUTHORIZATION: Continuing Authorities Program, Section 1135 of the WRDA of 1986, as amended

LOCATION: Washington, DC

DESCRIPTION: Heritage and Kingman Islands are located in Kingman Lake, near RFK Memorial Stadium, on the Anacostia River in Washington D.C. Both islands and Kingman Lake were constructed when the Corps of Engineers extensively dredged existing freshwater tidal marsh habitat from the 1920s through 1930s to create recreational opportunities for area residents. Since that time, the Anacostia River watershed became highly urbanized and has been identified in the Chesapeake Bay Program as a high priority area for environmental restoration. This project will restore/enhance/protect 1 acre of vernal pools, 1 acre of tidal wetland, 6 acres of meadow, & 38 acres of riparian forest habitat.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Implementation</u>
Estimated Federal Cost	\$ 2,450
Estimated Non-Federal Cost	1,000
Cash	0
Other	0
Total Estimated Cost	\$ 3,450
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	250
Allocation for FY 2007	0
Balance to Complete after FY 2007	2,200
Benefit to Cost Ratio Applicable rate (___%):	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: FY 06 carryover funds are being used to finalize packaging of the plans & specifications for advertisement, complete the Invasive Species Management plan, and negotiate the Project Cooperation Agreement (PCA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, a fully funded construction contract could be awarded in FY 08 and completed in FY 09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresswoman Holmes-Norton (DC)

DISTRICT: Baltimore

Date: 3 April 2007



FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM-Section 206)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Ecosystem Restoration

**PROJECT/STUDY NAME:** Little Park Run, Downingtown, Pa

**AUTHORIZATION:** Section 206 of the Water Resources Development Act of 1996, as amended (aquatic ecosystem restoration).

**LOCATION:** Little Park Run, a tributary of Park Run and the East Branch of the Brandywine Creek bisects the eastern portion of Downingtown Borough and has been a source of chronic flooding.

**DESCRIPTION:** It is proposed that wetlands creation be investigated to restore natural floodplain in the area.

**SUMMARIZED FINANCIAL DATA:**

**DESIGN AND IMPLEMENTATION PHASE**

Estimated Federal Cost	\$ 20,700
Estimated Non-Federal Cost	\$ 0
Total Estimated Project Cost	\$ 20,700
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 9,700
Allocation for FY 2006	\$ 11,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY07	\$ 0
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** None.

**EARLIES ATTAINABLE COMPLETION FY FOR PHASE:** N/A

**OTHER INFORMATION:** Study has been terminated. Locals are building the project on their own.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 206.

**CONGRESSIONAL INTEREST:** Senator Specter (PA); Gerlach (PA-6)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 206 CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Manhasset Bay, Section 206, NY

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended [33 U.S.C. 2330]

LOCATION: Town of North Hempstead, NY

DESCRIPTION: The aquatic ecosystem of the study area has experienced degradation as a result of increased urbanization of the surrounding upland areas. The primary contributors to the loss of aquatic and wetland habitats are filling and bulkheading activities on property adjacent to the bay, increased sediment loading, and nutrient and contaminant runoff from the upland areas into the tributaries of the bay. These impacts are reflected in the apparent degraded nature of the remaining habitats in and surrounding the bay. The proposed project consists of several separate features intended to restore specific areas of degradation, including creation of low tidal marsh habitat and restoration of storage capacity by removing excess deposited sediment in ponds.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$ 900
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 900
Allocation thru 2004	\$ 121
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$450
Allocation for FY 2007	\$0
Balance to Complete after FY 2007	\$329 + TBD*
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at	N/A
Remaining Benefits Remaining Costs Ratio	N/A

\* Balance to complete after FY 2007 for study costs is \$329K. Design and Implementation costs are TBD at such time that a project plan has not been fully formulated.

FY 2007 ACTIVITIES: Continue preparation of the feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility Phase would be complete in late FY08.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Ackerman, NY-5

DISTRICT: New York

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Milford Pond, Milford, Massachusetts

AUTHORIZATION: Section 206, Aquatic Ecosystem Restoration, WRDA 1996, as amended.

LOCATION: Milford Pond is located along the Charles River in the Town of Milford, Massachusetts, about 25 miles southwest of Boston, Massachusetts.

DESCRIPTION: Milford Pond is a 120-acre shallow water body formed by a small masonry dam on the Charles River. The area beneath the pond was historically a swamp adjacent to the Charles River, which was inundated by the construction of the dam in 1938, partially in response to severe flooding in 1936 and 1938. The pond is extremely shallow due to sediment deposition and has an average depth of less than 2 feet. Sediment accumulation has resulted in the loss of open water habitat, degraded water quality and the proliferation of aquatic weed species. The town has proposed a dredging project to remove the accumulated sediments and restore a balanced diversity among open water, emergent marsh, and aquatic bed habitats. In addition to restoring the pond's fisheries habitat, the project will also improve wetland values, water quality and state-listed aquatic bird species habitat.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Plan&amp;Specs</u>	<u>Construction</u>
Estimated Federal Cost	270	160	4,570
Estimated Non-Federal Cost	0	0	3,130
Cash	(0)	(0)	(3,130)
Other	(0)	(0)	(0)
Total Estimated Project Cost	270	160	7,700
Allocations thru FY 2004	253	0	0
Allocation in FY 2005	17	40	0
Allocation in FY 2006	0	79	0
Allocation in FY 2007	0	41	0
Balance to Complete After FY 2007	0	0	4,570
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete project design including preparation of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: The town completed a study in July 2000, which laid out a multi-component approach to improve Milford Pond and the Charles River Watershed. One of the components involves the removal of some 400,000 cubic yards of sediments to improve and restore the ecological health of Milford Pond. The town strongly supports the proposed sediment removal plan. The Preliminary Restoration Plan was approved by CENAD on 30 October 2001. Federal costs are estimated to reach the statutory limit of \$5 million under Section 206 authority.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Senators Dodd (CT) & Lieberman (CT), Representative Shays (CT-4)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Mill Pond, Littleton, Massachusetts

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: Mill Pond is located in the Town of Littleton, Middlesex County, Massachusetts.

DESCRIPTION: Mill Pond is approximately 52 acres and has historically provided productive fish and wildlife habitat, as well as recreational fishing and boating. The Pond is currently in an advanced state of eutrophication, completely covered with aquatic plants, with conditions worsening annually. Fish kills are commonly reported especially during the late summer months.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	243	4,757
Estimated Non-Federal Cost	0	2,808
Cash	(0)	(2,248)
Other	(0)	(560)
Total Estimated Project Cost	243	7,565
Allocations thru FY 2004	160	0
Allocation in FY 2005	28	0
Allocation in FY 2006	15	0
Allocation in FY 2007	40	0
Balance to Complete After FY 2007	0	4,757
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete the feasibility study, including preparation of an Environmental Assessment and Detailed Project Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: The town completed a study in 2000 for \$78,500 of locally appropriated funds matched with State grants that provided diagnostic and survey data of the pond's condition. In 2001, the town of Littleton as local sponsor requested USACE assistance in the restoration study through the Section 206 program. The Preliminary Restoration Plan was approved on 20 November 2001. The feasibility study examined a number of options to restore the health and ecology of the pond. Initial sediment testing conducted by the town indicated low concentrations of contaminants. There is local interest in reusing materials removed from the pond as a loam base, which may reduce overall project costs. The town strongly supports the proposed sediment removal project and is currently pursuing acquisition of project lands and proposals to provide public access.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Representative Meehan (MA-5)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Mill River, Stamford, Connecticut

AUTHORIZATION: Section 206, Aquatic Ecosystem Restoration, WRDA 1996, as amended.

LOCATION: The Mill River, also known as the Rippowam River, originates in New York and flows south through Connecticut and discharges into Stamford Harbor in Long Island Sound. The project area is the reach of the Mill River within the City of Stamford, Connecticut.

DESCRIPTION: The Mill River has been severely degraded by years of urban runoff, channel modifications and encroachment. The City is engaged in a multi-year effort to restore the aquatic ecosystem of the Mill River and reclaim and enhance open waterfront in the heart of the city. Main Street Dam prevents anadromous fish (river herring) from accessing upstream habitat, and the existing retaining walls impact the channel and prevents access to the river. The build-up of sediment behind Main Street Dam along with summer low flows adversely impact river habitat. The project involves removal of the Main Street Dam, accumulated sediment, and adjoining retaining walls to restore riverine and riparian habitats. The partially breached dam at Pulaski Street will also be removed to restore an area of inter-tidal marsh. The project will also reduce the risk of flood damage in downtown Stamford.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Plan &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	365	550	4,085
Estimated Non-Federal Cost	0	0	3,315
Cash	(0)	(0)	(3,015)
Other	(0)	(0)	(300)
Total Estimated Project Cost	365	550	7,400
Allocations thru FY 2004	365	2	0
Allocation in FY 2005	0	239	0
Allocation in FY 2006	0	151	0
Allocation in FY 2007	0	158	0
Balance to Complete After FY 2007	0	0	4,085
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete project design including preparation of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: The Feasibility Report was approved by CENAD on 20 September 2004.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Senators Dodd (CT) & Lieberman (CT), Representative Shays (CT-4)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Narrow River, Narragansett, Rhode Island

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: The Narrow River, also known as Pettaquamscutt River, is a seven mile long estuary located near the entrance to the West Passage of Narragansett Bay. The estuary's inlet and its eastern side are located in Narragansett, Rhode Island. The west side of the estuary is located in South Kingstown and the northern portion is located in North Kingstown, Rhode Island.

DESCRIPTION: Most of the Narrow River estuary is shallow, generally 3 to 5 feet deep, and has a constricted tidal inlet. This study will investigate measures to restore eelgrass, shellfish, waterfowl, and finfish habitats and salt marshes, focusing primarily on the lower estuary. Ecosystem restoration measures to be investigated include dredging, planting, and methods to reduce erosion and sediment accumulation. Dredged sand may be placed along Narragansett Beach to allow the sand to remain in the littoral system.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	395	3,034
Estimated Non-Federal Cost	0	1,846
Cash	(0)	(1,846)
Other	(0)	(0)
Total Estimated Project Cost	395	4,880
Allocations thru FY 2004	0	0
Allocation in FY 2005	81	0
Allocation in FY 2006	149	0
Allocation in FY 2007	165	0
Balance to Complete After FY 2007	0	3,034
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete the feasibility study including plan formulation and evaluation, cost estimating, as well as preparation of an Environmental Assessment and final Feasibility Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: The Preliminary Restoration Plan was approved by CENAD on 13 September 2004.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Senators Reed (RI) and Whitehouse (RI) and Representative Langevin (RI-2)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Nashawannuck Pond, Easthampton, Massachusetts

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: Nashawannuck Pond is located in the Town of Easthampton, Hampshire County, Massachusetts

DESCRIPTION: Nashawannuck Pond consists of a man-made impoundment of three tributary streams, Broad Brook, Wilton Brook and White Brook. The impounding structure is a dam with a bascule gate that discharges into a concrete sluiceway that runs beneath Cottage Street (MA State highway 141) in downtown Easthampton. The pond covers approximately 32 acres and is about 15 feet deep at its deepest point. The restoration plan involves removal of accumulated sediment to restore the ecological health of the pond.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	340	1,285
Estimated Non-Federal Cost	0	875
Cash	(0)	(875)
Other	(0)	(0)
Total Estimated Project Cost	340	2,160
Allocations thru FY 2004	182	0
Allocation in FY 2005	57	0
Allocation in FY 2006	41	0
Allocation in FY 2007	60	1,285
Balance to Complete After FY 2007	0	0
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds (\$60,000) are being used to complete Planning and Design Analysis (PDA) efforts. Work includes preparation of an Environmental Assessment, Decision Document and project plans and specifications. Upon project approval, FY 2007 funds (\$1,285,000) will also be used to execute a Project Cooperation Agreement with the sponsor, award a fully funded contract and to initiate and complete construction of environmental restoration measures.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project construction in FY 2008.

OTHER INFORMATION: The town completed a study in January of 1990, which recommended the removal of some 72,000 cubic yards of sediment to improve and restore the ecological health of Nashawannuck Pond. The Preliminary Restoration Plan was approved by CENAD on 30 October 2001.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Representative Olver (MA-1)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Neponset River, Boston and Milton, Massachusetts

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: The Neponset River is located in eastern Massachusetts. The river flows through the communities of Milton and Dorchester, which is part of South Boston, and empties into Dorchester Bay.

DESCRIPTION: The objective of the study is to investigate fish passage alternatives in the Neponset River and to identify and evaluate additional areas within the lower Neponset River Basin and watershed where aquatic habitat can be restored and/or enhanced. The alternatives include but are not limited to the complete removal or partial breaching of two dams, the installation of some type of fish passage structure or creation of a by-pass channel. Portions of the Neponset River Basin upstream of the study area contain existing, large expanses of wetlands that can become beneficial aquatic habitat areas if they are made accessible to anadromous fish.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	585	2,730
Estimated Non-Federal Cost	0	1,885
Cash	(0)	(1,785)
Other	(0)	(0)
Total Estimated Project Cost	585	4,515
Allocations thru FY 2004	374	0
Allocation in FY 2005	43	0
Allocation in FY 2006	8	0
Allocation in FY 2007	160	0
Balance to Complete After FY 2007	0	2,730
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete the feasibility study, including preparation of an Environmental Assessment and final Feasibility Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: The dams are located in Norfolk and Suffolk Counties, Massachusetts, in areas where land use is a combination of urban industrial and residential. The Massachusetts Riverways office considers the Neponset River to have the best potential for restoration of anadromous fish passage of any Boston Harbor tributary. The sponsor is working on remediation strategies for contaminated sediment in the vicinity of the two dams.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Representatives Capuano (MA-8), Lynch (MA-9) and Delahunt (MA-10)

DISTRICT: New England District.

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION  
(SECTION 1135 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: North Nashua River, Fitchburg, Massachusetts

AUTHORIZATION: Section 1135, Project Modifications for Improvement of the Environment, WRDA 1986, as amended.

LOCATION: The city of Fitchburg is located along the North Nashua River in north central Massachusetts about 45 miles northwest of Boston, Massachusetts.

DESCRIPTION: Restoration of fish habitat and riparian buffer zones along the North Nashua River in Fitchburg will compliment the city's plan to revitalize the riverfront. State and local agencies are working together to revitalize the city and restore the environmental quality of the North Nashua River as it flows through the heavily channelized flood control project. River restoration is viewed as an essential step towards urban revitalization.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	370	2,008
Estimated Non-Federal Cost	0	792
Cash	(0)	(792)
Other	(0)	(0)
Total Estimated Project Cost	370	2,800
Allocations thru FY 2004	71	0
Allocation in FY 2005	113	0
Allocation in FY 2006	106	0
Allocation in FY 2007	80	0
Balance to Complete After FY 2007	0	2,008
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Complete the feasibility study of ecosystem restoration along the North Nashua River, including preparation of an Environmental Assessment and final Feasibility Report. Restoration measures include fish passage at several dams, creation of pools and riffles along the channel and improvements to stream bank sections to improve environmental quality.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete feasibility study in FY 2007.

OTHER INFORMATION: The Preliminary Restoration Plan was approved by CENAD on 5 June 2003.

ADMINISTRATION POSITION: The Administration supports project modifications for the improvement of the environment under Section 1135 authority.

CONGRESSIONAL INTEREST: Representative Olver (MA-1)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Paint Branch Fish Passage, MD

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended

LOCATION: Prince George's County, Maryland

DESCRIPTION: The Paint Branch Fish Passage and Stream Restoration Project is located in the Anacostia River watershed in Prince George's County, Maryland. The Anacostia River watershed has been identified by the Chesapeake Bay Program as one of three priorities for restoration in the Chesapeake Bay watershed. The goal of the proposed project is to create a stable stream condition under the given flow and sediment regime and provide habitat for resident and migratory aquatic resources, with minimal armor or maintenance. The study addresses known fish blockages in the Paint Branch and provides additional spawning habitat for river herring along a six mile stretch of Paint Branch and Little Paint Branch.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	\$ 454	\$ 2,700
Estimated Non-Federal Cost		1,682
Cash		
Other		
Total Estimated Cost	\$ 454	\$4,382
Allocation thru 2004	\$ 55	0
Allocation for FY 2005	225	0
Allocation for FY 2006	154	0
Allocation for FY 2007	20	0
Balance to Complete after FY 2007	0	2,700
Benefit to Cost Ratio Applicable rate (___%):	N/A	
Benefit to Cost Ratio at 7%:	N/A	
Remaining Benefits Remaining Costs Ratio at 7%:	N/A	

FY 2007 ACTIVITIES: FY 07 funds were used to complete the feasibility report which was approved.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: With optimum funding, the Design & Implementation Phase could be completed in FY 09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen Hoyer (MD-05), Wynn (MD-04); Senators Mikulski and Cardin (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(CONTINUING AUTHORITIES PROGRAM-Section 1135)  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Ecosystem Restoration

**PROJECT/STUDY NAME:** Pine Mount Creek, Greenwich Township, Cumberland County, NJ (Cohansey River)

**AUTHORIZATION:** Section 1135 of the Water Resources Development Act of 1986, as amended (project modifications for improvement of the environment).

**LOCATION:** The project area is located at the mouth of Pine Mount Creek, a tributary of the Cohansey River in Greenwich Township, Cumberland County, New Jersey.

**DESCRIPTION:** This project is the restoration of a dike and creation of a wildlife management area along the Cohansey River at the mouth of Pine Mount Creek. The Cohansey River is the site of a shallow draft Federal navigation channel no longer used by commercial navigation. Approximately 60 acres of wetlands were lost to dredged material disposal activities during the operation of this Federal navigation channel. This project will restore the environment by providing a high quality wildlife management area for the New Jersey Division of Fish & Wildlife and the project partners which includes Greenwich Township, Cumberland County, Ducks Unlimited, Inc., and the U.S. Fish and Wildlife Service.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>FEASIBILITY</u></b>
Estimated Federal Cost	\$528,000
Estimated Non-Federal Cost	\$ 0
Total Estimated Cost	\$528,000
Allocation thru 2004	\$128,200
Allocation for FY 2005	\$277,000
Allocation for FY 2006	\$ 73,000
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 49,800
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Carryover funds in the amount of \$28,300 will be used to prepare the draft feasibility report for public coordination.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funds, completion date is unknown.

**OTHER INFORMATION:** The New Jersey DEP has agreed to be the non-Federal sponsor and Cumberland County will provide assistance.

**ADMINISTRATION POSITION:** In accordance with Administration policy under the Continuing Authorities Program, Section 1135.

**CONGRESSIONAL INTEREST:** Rep. LoBiondo (NJ-02)

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 206-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Potash Brook Ecosystem Restoration Project

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: South Burlington, VT

DESCRIPTION: Potash Brook flows through developed portions of South Burlington until emptying into Lake Champlain at Shelburne Bay. Reduced groundwater flows and unmanaged runoff associated with development has degraded aquatic habitats along Potash Brook. Implementation of a balanced restoration plan that includes wetland creation, stream stabilization, bioengineering, and other techniques will result in improved habitat conditions in the entire watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	Study \$ 225
Estimated Non-Federal Cost	\$ 225
Cash	TBD
Other	TBD
Total Estimated Cost	\$ 450
Allocation thru 2004	\$ 14
Allocation for FY 2005	\$ 5
Allocation for FY 2006	\$ 345
Allocation for FY 2007	\$ 0
Balance to Complete after FY 2007	\$ 0+N/A*
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at 7%	Not Applicable
Remaining Benefits Remaining Costs Ratio at 7%	Not Applicable
*Balance to Complete Next Phase (D&I) Not Yet Available	

FY 2007 ACTIVITIES: Finalize Project Management Plan; execute Federal Cost Share Agreement in August 2007; begin Feasibility phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest the Feasibility Phase could be completed is FY2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Project is consistent with Administration policy.

CONGRESSIONAL INTEREST: Peter Welch VT-AL

DISTRICT: New York

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
(SECTION 206-CONTINUING AUTHORITIES PROGRAM)

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Soundview Park, Bronx, NY Ecosystem Restoration Study

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended [33 U.S.C. 2330]

LOCATION: Bronx, NY

DESCRIPTION: Soundview Park encompasses 158 acres along the east bank of the lower Bronx River as it empties into the East River. It has experienced extreme aquatic ecosystem habitat degradation due to coastal filling and shore hardening. The project will involve the restoration of approximately 2 acres of tidal wetlands and bank stabilization with the lagoons of Soundview Park.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$ 1000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 1000
Allocation thru 2004	\$ 111
Allocation for FY 2005	\$ 240
Allocation for FY 2006	\$400
Allocation for FY 2007	\$123
Balance to Complete after FY 2007	\$126+\$4,000*
Benefit to Cost Ratio Applicable rate	Not Applicable
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

\*Balance to Complete Next Phase (D&I)

FY 2007 ACTIVITIES: The draft feasibility report will be completed in July 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest fiscal year the Feasibility phase would be complete is FY08.

OTHER INFORMATION: NYC Parks will lose matching funds if PCA is not signed in FY08.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Serrano, NY-16; Crowley, NY-7

DISTRICT: New York

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Ten Mile River, East Providence, Rhode Island

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: The Ten Mile River is located in East Providence, Rhode Island at the head of Narragansett Bay directly to the east of Providence, Rhode Island.

DESCRIPTION: The recommended aquatic ecosystem restoration plan would restore anadromous fish to the lower Ten Mile River. The plan consists of providing Denil fishways at the three lowest dams on the Ten Mile River; Omega Pond Dam, Hunts Mill Dam and Turner Reservoir Dam. These fishways will provide for upstream migration of adult Blueback Herring, Alewife, and American Shad to historic spawning areas. Migrant slots will also be cut into the existing spillways at Omega Pond and Turner Reservoir dams to facilitate downstream migration of juveniles. A migrant slot is not required at Hunts Mill Dam due to the shape and irregularities of the spillway. The proposed ecosystem restoration plan includes construction of a fish trap at Hunts Mill Dam to relocate excess fish to other watersheds, as anadromous fish returns to the Ten Mile River are likely to exceed available spawning grounds.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Plans &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	300	1,130
Estimated Non-Federal Cost	0	770
Cash	(0)	(720)
Other	(0)	(50)
Total Estimated Project Cost	300	1,900
Allocations thru FY 2004	0	0
Allocation in FY 2005	0	0
Allocation in FY 2006	248	0
Allocation in FY 2007	52	0
Balance to Complete After FY 2007	0	1,130
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete project design including preparation of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: The feasibility study was prepared using Investigation funds and implementation was recommended under Section 206 authority.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Senators Reed (RI) & Whitehouse (RI) & Representative Kennedy (RI-1)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Tidal Middle Branch, MD

AUTHORIZATION: Continuing Authorities Program (CAP), Section 206 of the Water Resources Development Act of 1996, as amended

LOCATION: Baltimore City, Maryland

DESCRIPTION: The Middle Branch is a shallow water estuary located at the northwest end of the Baltimore Harbor. The basin contains residential, commercial, and industrial developments which have severely deteriorated the estuary. The Corps, in partnership with the City of Baltimore, is conducting a feasibility study that will identify and develop potential environmental restoration plans for the Middle Branch. The study is expected to identify over 100 acres of potential wetland and riparian habitat restoration and other environmental enhancements. Currently, the study recommends four sites to be implemented under Section 206 and one site to be implemented under the Section 510 Program. The study will complete preliminary wetland designs at the following locations: Swan Park, Dickman Street/Aquarium, Middle Branch Park, and Westport.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost	\$ 758	\$ 4,242
Estimated Non-Federal Cost		2,680
Cash		
Other		
Total Estimated Cost	\$ 758	\$ 6,922
Allocation thru 2004	\$ 149	0
Allocation for FY 2005	0	0
Allocation for FY 2006	248	0
Allocation for FY 2007	361	0
Balance to Complete after FY 2007	0	\$ 4,242
Benefit to Cost Ratio Applicable rate (%): N/A		
Benefit to Cost Ratio at 7%: N/A		
Remaining Benefits Remaining Costs Ratio at 7%: N/A		

FY 2007 ACTIVITIES: FY 07 funds are being used to complete the draft feasibility report and submit to Division for approval.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility study to be completed early in FY 08.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Sarbanes (MD-03); Senators Cardin and Mikulski (MD)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Treat's Pond, Cohasset, Massachusetts

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: Treat's Pond is located in the town of Cohasset along the eastern shore of Massachusetts approximately 20 miles southeast of Boston.

DESCRIPTION: Treat's Pond, including surrounding wetlands measures approximately 10 acres in area. The Pond is connected to Massachusetts Bay and the Atlantic Ocean by a narrow 1,000-foot long tidal creek that flows into Sandy Cove. Approximately half the creek, including the outlet, is enclosed in a buried 24-inch diameter pipe. Tidal flow in the pond is constricted because of the size of the existing tidal creek and the location of the creek's outlet on the beach. Sediment accumulates in the outlet restricting flow and causing stagnant conditions in the pond. The study will investigate alternatives to restore salt marsh and estuarine habitats for shellfish, finfish, and waterfowl in Treat's Pond and its tidal creek. Restoration measures would involve abandonment of the existing pipe and installation of a 3-foot diameter culvert to restore saltwater flow to Treat's Pond.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	370	935
Estimated Non-Federal Cost	0	665
Cash	(0)	(665)
Other	(0)	(0)
Total Estimated Project Cost	370	1,600
Allocations thru FY 2004	15	0
Allocation in FY 2005	47	0
Allocation in FY 2006	198	0
Allocation in FY 2007	110	0
Balance to Complete After FY 2007	0	935
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete Planning and Design Analysis (PDA) efforts. Work includes preparation of an Environmental Assessment, Decision Document and project plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: The Preliminary Restoration Plan was approved by CENAD on 24 August 2004.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Representatives Delahunt (MA-10)

DISTRICT: New England District.

Date: 5 April 2007



FACT SHEET  
CONSTRUCTION GENERAL  
SECTION 1135 - CONTINUING AUTHORITIES PROGRAM

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Village of Oyster, Northampton County, Virginia

AUTHORIZATION: Section 1135, WRDA 1986, (P.L. 99-662) as amended

LOCATION: The Village of Oyster is located on the Eastern Shore of Virginia.

DESCRIPTION: Former wetlands were used to contain dredged material from the Federal navigation channel at the Town of Oyster, beginning in the 1940s. Presently, poor soils and phragmites australis, a threatening exotic plant, pervades the area. The project would restore intertidal wetlands. Environmental restoration of the site is consistent with the goals established by the Commonwealth of Virginia Coastal Basins/Chesapeake Bay tributary strategies.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 <u>Feasibility</u>
Estimated Federal Cost	\$ 303,000
Estimated Non-Federal Cost	0 <sup>1/</sup>
Estimated Total Study Cost	\$ 303,000
Allocation thru FY 2004	\$ 20,000
Allocation for FY 2005	\$ 3,000
Allocation for FY 2006	\$ 163,000
Allocation for FY 2007	\$ 97,000
Balance to Complete After FY 2007	\$ 20,000
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

<sup>1/</sup> Feasibility Phase initially Federally funded with local cost share paid before construction.

FY 2007 ACTIVITIES: Fiscal year 2007 funds are being used to continue the feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration supports this environmental restoration project.

CONGRESSIONAL INTEREST: Senators Warner and Webb (VA). Representative Drake (VA-2).

DISTRICT: Norfolk District

Date: 5 April 2007

FACT SHEET  
Continuing Authorities Program

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Whitney Point Reservoir, NY

AUTHORIZATION: Continuing Authorities Program, Section 1135 of the Water Resources Development Act of 1986, as amended

LOCATION: Broome County, New York

DESCRIPTION: Within this watershed, there are 13 Corps reservoir projects and numerous local flood protection projects. One of the existing reservoir projects is Whitney Point Lake, which is located on the Otselic River in Broome County, New York. This reservoir project is primarily operated for flood damage reduction, but is also used for recreation and wildlife management. The project has a total storage capacity of 86,440 acre-feet. During the reconnaissance phase of the Susquehanna River Basin Water Management Study, the Corps investigated the development of a comprehensive plan that would manage the existing reservoir storage in an effort to maintain and restore aquatic resources, as well as minimize flood-related damages in the Susquehanna River reaches.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$ 5,000
Estimated Non-Federal Cost	2,073
Cash	
Other	
Total Estimated Cost	\$ 7,073
Allocation thru 2004	\$ 663
Allocation for FY 2005	11
Allocation for FY 2006	10
Allocation for FY 2007	4,316
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (_%):	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: FY 07 funds are being used to execute the project cooperation agreement, followed by award of a fully funded construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 09

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Arcuri (NY-24) and Hinchey (NY-22); Senators Schumer and Clinton (NY)

DISTRICT: Baltimore

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Winnapaug Pond, Westerly, Rhode Island

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: Winnapaug Pond is located along the southern coast of Rhode Island in the town of Westerly.

DESCRIPTION: Shoaling at the entrance to Winnapaug Pond has smothered eelgrass plants and reduced water depths making conditions unsuitable for the growth of eelgrass. The project involves dredging about 12 acres of tidal shoal area in Winnapaug Pond to restore adequate depths and planting eelgrass to restore estuarine aquatic habitat. Eelgrass, a species of submerged aquatic vegetation (SAV), will be restored to dredged areas by seeding and planting plugs removed from nearby healthy donor beds. A 2.8-acre sedimentation basin would be dredged to prevent future shoaling. Restoration of these federally recognized Special Aquatic Sites in Winnapaug Pond would directly benefit the fisheries of Block Island Sound.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Plans &amp; Specs</u>	<u>Construction</u>
Estimated Federal Cost	150	1,073
Estimated Non-Federal Cost	0	659
Cash	(0)	(659)
Other	(0)	(0)
Total Estimated Project Cost	150	1,732
Allocations thru FY 2004	0	0
Allocation in FY 2005	0	0
Allocation in FY 2006	103	0
Allocation in FY 2007	47	0
Balance to Complete After FY 2007	0	1,073
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete project design including preparation of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: By resolution dated 2 August 1995, the Committee on Environment and Public Works authorized a water resources investigation along Rhode Island south coast from Watch Hill to Narragansett. Feasibility studies determined that aquatic habitat restoration is justified for Winnapaug Pond. This project was approved on 8 November 2001 for implementation under Section 206 of WRDA 1996. Congressional interests have referred to this project as Phase II of the South Shore Habitat Restoration Project.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Senators Reed (RI) and Whitehouse (RI)

DISTRICT: New England District.

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
(SECTION 206 - CONTINUING AUTHORITIES PROGRAM)  
Enacted Studies and Projects

BUSINESS PROGRAM: CAP - Environmental

PROJECT/ STUDY NAME: Wiswall Dam, Durham, New Hampshire

AUTHORIZATION: Section 206 of the Water Resources Development Act of 1996, as amended.

LOCATION: Wiswall Dam is located on the U.S. Wild and Scenic Lamprey River in the Town of Durham, New Hampshire.

DESCRIPTION: The New Hampshire Fish and Game Department has expressed interest in restoring fish passage around Wiswall Dam by either removing the dam or constructing fish passage facilities. Providing fish passage at Wiswall Dam would enable anadromous fish to access an additional 43 miles of river reach above the dam. The impoundment behind Wiswall Dam provides supplemental water supply for the Town of Durham. Due to issues with removal of Wiswall Dam, the selected alternate is to construct a bypass channel around the dam to provide fish passage.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>PDA</u>	<u>Construction</u>
Estimated Federal Cost	476	434
Estimated Non-Federal Cost	0	490
Cash	(0)	(325)
Other	(0)	(165)
Total Estimated Project Cost	476	924
Allocations thru FY 2004	298	0
Allocation in FY 2005	66	0
Allocation in FY 2006	12	0
Allocation in FY 2007	100	0
Balance to Complete After FY 2007	0	434
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to complete Planning and Design Analysis (PDA) efforts. Work includes preparation of project plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete project design in FY 2007.

OTHER INFORMATION: The Preliminary Restoration Plan was approved by CENAD on 17 August 2001. The Environmental Assessment, Finding of No Significant Impacts and Decision Document were signed on 9 December 2005. There is potential for the U.S. Fish and Wildlife Service to contribute additional Federal funds towards project construction.

ADMINISTRATION POSITION: The Administration supports ecosystem restoration projects completed under Section 206 authority.

CONGRESSIONAL INTEREST: Representative Shea-Porter (NH-1)

DISTRICT: New England District.

Date: 5 April 2007

# OPERATION AND MAINTENANCE

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental

PROJECT/ STUDY NAME: Connecticut River Flood Control Dams, Vermont

AUTHORIZATION:

Ball Mountain Lake: Flood Control Acts of 1944 and 1954, and WRDA 1986.  
North Hartland Lake: Flood Control Acts of 1938 and 1941.  
North Springfield Lake: Flood Control Acts of 1938 and 1941.  
Townshend Lake: Flood Control Acts of 1944 and 1954, and WRDA 1986.  
Union Village Lake: Flood Control Acts of 1936 and 1938.

LOCATION: The Connecticut River Basin contains approximately 11,250 square miles and includes parts of Connecticut, Massachusetts, New Hampshire and Vermont.

DESCRIPTION: There are a total of 16 Corps of Engineers flood control dams in the Connecticut River Basin. These dams are part of a comprehensive system of reservoirs and local protection projects constructed to control floodwaters and reduce flood damages within the basin. This project involves that portion of the Connecticut River Basin in Vermont, which encompasses 3,928 square miles and contains 5 Corps flood control dams. The construction of these 5 dams has altered the watershed's natural hydrologic regime, ecological productivity and water temperatures from faster moving cold-water habitat (lotic) to warmer pools (lentic) that have a lower aquatic habitat value. This project will examine structural modifications to the 5 dams to better regulate the flow and water temperature of releases to mitigate downstream impacts on aquatic habitat and fisheries.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Evaluation Report</u>	<u>Design</u>
Estimated Federal Cost	681	1,000
Estimated Non-Federal Cost	0	0
Cash	(0)	(0)
Other	(0)	(0)
Total Estimated Project Cost	681	1,000
Allocations thru FY 2004	0	0
Allocation in FY 2005	168	0
Allocation in FY 2006	444	0
Allocation in FY 2007	69	0
Balance to Complete After FY 2007	0	1,000
Benefit to Cost Ratio Applicable rate (%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: FY 2007 funds are being used to evaluate various structural modifications to the 5 Corps dams within the Connecticut River Basin in Vermont to determine the most effective method of providing fish passage and to better regulate the flow and temperature of releases to mitigate downstream impacts on aquatic habitat and fisheries. An Evaluation Report was released in March 2007 to the US Fish and Wildlife Service and Vermont Agency of Natural Resources for review and comment. Any comments received will be addressed and the Evaluation Report is planned to be finalized in FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete Evaluation Report in FY 2007.

OTHER INFORMATION: No funds are currently in the FY 2008 Budget.

ADMINISTRATION POSITION: The Administration supports aquatic ecosystem restoration.

CONGRESSIONAL INTEREST: Senators Sanders (VT) and Leahy (VT)

DISTRICT: New England District.

Date: 5 April 2007

# WATER SUPPLY

# CONSTRUCTION



FACT SHEET  
(CONSTRUCTION GENERAL)

BUSINESS PROGRAM: Water Supply

PROJECT NAME: Clinton County, PA (Sec. 219 Environmental Infrastructure Program)

AUTHORIZATION: WRDA 1992

LOCATION: The project is located in north central Pennsylvania in Clinton County, in the vicinity of Lock Haven, PA.

DESCRIPTION: The project consists of a water interconnection project that will benefit the communities of Renovo Borough, South Renovo and Chapman Township. The proposed project consists of replacing outdated waterline and constructing new waterline totaling approximately 13,400 linear feet to connect Renovo Borough, South Renovo Borough, and Chapman Township. In addition, a new water storage tank will be constructed for Chapman Township. The purpose of this project is to interconnect three rural water systems and provide improvements to each system. The proposed project will reduce capital and operation costs for the three local jurisdictions, increase the reliability of the water service in all three areas, and comply with consent orders issued by the Pennsylvania Department of Environmental Protection.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	419,000
Estimated Non-Federal Cost	139,000
Cash	139,000
Other	0
Total Estimated Cost	558,000
Allocation thru FY 04	22
Allocation for FY 05	0
Allocation for FY 06	35
Allocation for FY 07	362
Balance to Complete after FY 07	0
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to complete the letter report, execute a PCA, and initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction will be completed by September 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Senators Specter and Casey (PA), Congressman Peterson (PA-05).

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
(CONSTRUCTION GENERAL)

BUSINESS PROGRAM: Water Supply

PROJECT NAME: Northeast Pennsylvania Infrastructure Program, PA

AUTHORIZATION: Section 219 of Water Resources Development Act of 1992 (P.L. 102-580), as amended by Section 504 of Water Resources Development Act of 1996(P.L. 104-303) and Section 502(f)(11) of WRDA 1999 (P.L. 106-53).

LOCATION: The authorized program area consists of the following Pennsylvania counties: Lackawanna, Lycoming, Susquehanna, Wyoming, Pike, Wayne, Sullivan, Bradford, and Monroe.

DESCRIPTION: The program allows for the design and construction of environmental infrastructure including water and wastewater systems. Identified projects in PA include: (1) Halls Station Sewer Project, (2) Muncy Creek Route 405/442 Sewer Project, and (3) Halls Station Water Project in Lycoming County; (4) Athens Sewer Extension Project, in Bradford County; (5) Nicholson Sewer Project in Wyoming County; and Clark's Summit Sewer Project in Lackawanna County.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> 20,000
Estimated Non-Federal Cost	6,667
Total Estimated Cost	26,667

Allocation thru FY 04	1,309
Allocation for FY 05	1,525
Allocation for FY 06	1,680
Allocation for FY 07	2,318
Balance to Complete after FY 07	13,168
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 2007 funds are being used to complete construction for the Muncy Creek Route 405/442 Sewer Project, complete construction of the Athens Sewer project, resolve claim on Halls Station Sewer project, execute PCA's and initiate construction for the Halls Station Phase 1A water project and the Nicholson Sewer project, and complete NEPA documentation for the Clarks Summit Sewer project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Projects are being completed as funding is provided up to the authorized program limit OF \$180 million with appropriated funds split 50/50 between the Chesapeake Bay and Ohio River Drainage basins.

OTHER INFORMATION: None.

ADMINSTRATION POSITION: This program is not consistent with Administration policy. Water and wastewater systems projects are a low budgetary priority for the Civil Works program.

CONGRESSIONAL INTEREST: Senators Specter and Casey (PA), Representative Carney (PA-10)

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Water Supply

PROJECT NAME: South Central Pennsylvania Environment Improvement Program, PA

AUTHORIZATION: Section 313 of WRDA 1992 (P.L. 102-580), as amended by WRDA 96 (P.L. 104-303), Energy and Water Appropriations Acts of FY 96 (P.L. 104-46), FY 98 (P.L. 105-62), and FY 99 (P.L. 104-245), Omnibus Consolidated and Energy Supplemental Appropriations Act for FY 99 (P.L. 105-245), Water Resources Development Act of 1999 (P.L. 106-53) and Section 101 of the FY05 Consolidated Appropriations Act.

LOCATION: The program authorizes the Corps to provide design and construction assistance on projects located in 24 counties in south central Pennsylvania.

DESCRIPTION: Projects include wastewater treatment and related facilities; water supply, storage, treatment and distribution facilities; or surface water resource protection and development.

<u>SUMMARIZED FINANCIAL DATA:</u>	<u>FY 07 (\$000)</u> <u>Construction</u>
Estimated Federal Cost	105,916
Estimated Non-Federal Cost	35,305
Total Estimated Cost	141,221
Allocation Through FY 04 (NAB)	60,903
Allocation for FY 05 (NAB)	3,848
Allocation for FY 06 (NAB)	4,196
Allocation for FY 07	7,969
Balance to Complete after FY 07	29,000
Benefit to Cost Ratio Applicable Rate - N/A	
Benefit to Cost Ratio at 7% - N/A	
Remaining Benefits Remaining Costs Ratio (7%) - N/A	

FY 07 ACTIVITIES: FY 07 funds are being used to fully fund previously executed PCA's and to initiate the design and construction of projects identified by Congressmen Shuster and Peterson.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Projects are being completed as funding is provided up to the authorized program limit OF \$180 million with appropriated funds split 50/50 between the Chesapeake Bay and Ohio River Drainage basins.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: This program is not consistent with Administration policy that environmental infrastructure projects are a low budgetary priority for the Corps of Engineers Civil Works program.

CONGRESSIONAL INTEREST: Senators Specter and Casey (PA), Shuster PA-09, Murtha PA-12, Carney PA-10, Peterson, PA-05,

DISTRICT: Baltimore

DATE: 2 April 2007

FACT SHEET  
CONSTRUCTION GENERAL

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Combined Sewer Overflow (CSO) Alleviation, Richmond, Virginia (Combined Sewage Overflow (CSO) Control Program)

AUTHORIZATION: Section 219(c)(17) of the Water Resources Development Act of 1992 as amended by Section 504 of The Water Resources Development Act of 1996 and Section 502 of the Water Resources Development Act of 1999

LOCATION: The Richmond Combined Sewer Overflow (CSO) project is located in the City along the James River.

DESCRIPTION: The City of Richmond is under special compliance order by the Virginia Department of Environmental Quality to implement a CSO control program in order to comply with the Clean Water Act. The project consists of studies and design to support the re-evaluation of City of Richmond's Combined Sewer Overflow Long Term Control Plan (LTCP). Work will include reliability and interface planning for Combined Sewer Overflow and Dry Weather Flow facilities and the Wastewater Treatment Plant and Satellite locations. Also included will be collection and laboratory analysis of river and CSO samples required as part of the CSO LTCP re-evaluation study.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007
	<u>Construction</u>
Estimated Federal Cost	\$ 30,000,000
Estimated Non-Federal Cost	\$ 10,000,000
Total Estimated Project Cost	\$ 40,000,000
Allocation thru FY 2004	\$ 2,400,000
Allocation for FY 2005	\$ 124,000
Allocation for FY 2006	\$ 742,000
Allocation for FY 2007	0
Balance to Complete After FY 2007	\$ 26,734,000
Benefit to Cost Ratio Applicable Rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Carry over fiscal year 2006 funds are being used to continue study and design activities.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: TBD. A/E contracts for design are required by law. A/E contracts are packaged in accordance with yearly appropriations. FY 2008.

OTHER INFORMATION: Design agreement was executed in September 2001.

ADMINISTRATION POSITION: The project is not consistent with Executive Branch policy as the work is budgeted normally under other Federal agencies' Appropriations Committees.

CONGRESSIONAL INTEREST: Senators Warner (VA) and Webb (VA). Representatives Scott (VA-3) and Cantor (VA-7).

DISTRICT: Norfolk District

Date: 5 APRIL 2007

FACT SHEET  
CONSTRUCTION GENERAL - Section 566  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure

**PROJECT NAME AND STATE:** Southeastern, PA

**AUTHORIZATION:** Section 566 of WRDA 96, Southeastern Pennsylvania Environmental Infrastructure

**LOCATION:** Cobbs Creek Park is located in the city of Philadelphia.

**DESCRIPTION:** Urbanization has resulted in constructed streams and reduced dry flows and increased storm runoff. Stream restoration (stream daylighting, shoreline stabilization and in-stream improvements) and wetland creation will be evaluated and likely implemented.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$ 750,000
Estimated Non-Federal Cost	\$ 250,000
Total Estimated Project Cost	\$1,000,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 300,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 450,000
Benefit to Cost Ratio Applicable Rate ( %)	
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs	N/A
Ratio at 7%	

**FY 2007 ACTIVITIES:** Carryover will be used to prepare and execute Design Agreements. Initiate Plans and Specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funding completion date is unknown.

**OTHER INFORMATION:** The City of Philadelphia has indicated a desire to be the non-Federal Sponsor. There is no "Decision Document" therefore these costs are estimated.

**ADMINISTRATION POSITION:** Section 566 authority is not in accordance with Administration budget policy.

**CONGRESSIONAL INTEREST:** Rep. Brady (PA-01), Rep. Sestak (PA-7), Sen. Specter (PA) and Sen. Casey (PA),

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION GENERAL - Section 566  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure

**PROJECT NAME AND STATE:** Southeastern PA - Tacony Creek, PA

**AUTHORIZATION:** Section 566 of WRDA 96, Southeastern Pennsylvania Environmental Infrastructure

**LOCATION:** The project is located in the Tacony-Frankford Watershed in Pennsylvania's 1<sup>st</sup> Congressional District.

**DESCRIPTION:** To investigate the feasibility and prepare the design for a 60 million gallon storage facility that would reduce average annual combined sewer discharges by approximately 600 million gallons per year.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$ 750,000
Estimated Non-Federal Cost	\$ 250,000
Total Estimated Project Cost	\$1,000,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 294,000
Allocation for FY 2007	\$ 0
Balance to Complete After FY 2007	\$ 456,000
Benefit to Cost Ratio Applicable Rate ( %)	
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs	N/A
Ratio at 7%	

**FY 2007 ACTIVITIES:** Carryover funds are being used to prepare and execute the Design Agreement.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Due to budget constraints and uncertainty of funding completion date is unknown.

**OTHER INFORMATION:** The City of Philadelphia has indicated a desire to be the non-Federal Sponsor. There is no "Decision Document" therefore these costs are estimated.

**ADMINISTRATION POSITION:** Section 566 authority is not in accordance with Administration budget policy.

**CONGRESSIONAL INTEREST:** Rep Brady (PA-01), Rep Schwartz (PA-13), Sen. Specter (PA) and Casey, (PA),

**DISTRICT:** Philadelphia

**DATE:** 30 Mar 07

FACT SHEET  
CONSTRUCTION, GENERAL

**BUSINESS PROGRAM:** Environmental Infrastructure

**PROJECT NAME:** New York City Watershed, New York

**AUTHORIZATION:** WRDA 1996, Section 552 and WRDA 1999, Section 340 - Water-related environmental infrastructure and resource protection and development.

**LOCATION:** The Watershed is located within eight New York counties: Delaware, Greene, Schoharie, Ulster, Sullivan, Westchester, Putnam and Dutchess.

**DESCRIPTION:** 40 projects have been certified by the New York State Department of Environmental Conservation (NYSDEC) as eligible under the Section 552 program. 27 cost sharing agreements have been executed with various sponsors. The projects include stream bank restorations, design and installation of sewer and stormwater collection systems, stormwater management studies and implementation of whole farm planning.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	FY 2007(\$000)
	<u>Construction</u>
Estimated Federal Cost	\$42,500
Estimated Non-Federal Cost	\$14,100
Cash	14,100
Other	0
Total Estimated Cost	\$56,600
Allocation Through FY 2004	6,181
Allocation for FY 2005	3,340
Allocation for FY 2006	8,045 1/
Allocation for FY 2007	475 1/
Balance to Complete after FY 2007	\$24,459
Benefit to Cost Ratio Applicable Rate (N/A)	
Benefit to Cost Ratio at 7% (N/A)	
Remaining Benefits Remaining Cost Ratio (N/A)	

1/ As per FY 2006 Appropriations Act, \$7,202,815 (in FY06) and \$375,000 (in FY07) earmarked federal funds from the Hudson River at Athens, NY project are provided for this project.

**FY 2007 ACTIVITIES:** FY 2007 funds, along with prior year funds are being used to continue work on 5 existing cost-sharing agreements, Brewster sewer project, Westchester County Stormwater Management Study, Pathogen Monitoring Stations, Farm Precision Feeding in Delaware County and Stamford Inflow/Infiltration project. Plan to execute 3 more agreements in FY 07. The State of NY has certified 40 projects.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Project construction completion to be determined, subject to availability of funds.

**ISSUES AND OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This project is not consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representatives Lowey (NY-18), Hall (NY-19), Gillibrand (NY-20), McNulty (NY-21), Hinchey (NY-22), McHugh (NY-23) and Arcuri (NY-24); Senators Schumer (NY) and Clinton (NY)

**DISTRICT:** CENAN

Date: 2 April 2007

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION

# INVESTIGATIONS

**FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Brush Creek Basin Study, Johnson County, Kansas and Jackson County, Missouri

**AUTHORIZATION:** Authorized by Resolution of the House Committee on Transportation and Infrastructure, July 24, 2002, Docket 2698.

**LOCATION:** The study area is the Brush Creek Basin in Johnson County, Kansas and Kansas City, Missouri, and includes areas of Jackson County, Missouri.

**DESCRIPTION:** This feasibility study will examine a full range of structural and nonstructural measures to reduce recurring flood damages in the Brush Creek Basin. The feasibility study will take a multi-purpose watershed approach in considering opportunities for environmental ecosystem restoration, water quality improvement, and compatible recreation improvements.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>FY 2007 (\$000)</u></b>
	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$398
Estimated Non-Federal Cost	280
Cash	280
Other	0
Total Estimated Cost	\$678
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	90
Allocation for FY 2007	150
Balance to Complete after FY 2007	158
Benefit to Cost Ratio Applicable rate (____%)	0
Benefit to Cost Ratio at 7%	1.5
Remaining Benefits Remaining Costs Ratio at 7%)	1.0

**FY 2007 ACTIVITIES:** A feasibility study of the watershed was initiated in FY06 after signing the FCSA in 2005. Proposed activities for FY07 include further defining problems and opportunities, complete inventory of existing conditions, working interactively with watershed stakeholders to identify/define activities that effect water resources, further developmental support for the watershed management plan, award of A-E contract for technical product development, assembling watershed GIS data, and developing database tools supporting watershed management.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2009

**OTHER INFORMATION:** The project schedule has been Federally funding constrained, and the earliest feasibility completion of 2009 is based upon actual funding allocations.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Congressman Cleaver, (MO-5), Congressman Moore, (KS-05), Senator Roberts (KS), Senator Bond (MO).

**DISTRICT:** Kansas City

Date: 3 April 2007

FACT SHEET  
INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Centralia, Washington

AUTHORIZATION: Section 401a of WRDA 1986 (PL 99-662).

LOCATION: The project area is located 80 miles south of Seattle in Lewis County and includes the communities of Centralia and Chehalis.

DESCRIPTION: The authorized project has been re-evaluated, resulting in a Chief's Report that recommends a new project authorization. The project recommended for authorization includes setback levees along the Chehalis and Skookumchuck Rivers and modifications of the Skookumchuck Dam.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
		<u>PED</u>
Estimated Federal Cost	\$	11,000
Estimated Non-Federal Cost		5,000
Cash		5,000
Other		0
Total Estimated Cost	\$	16,000 <sup>1/</sup>
Allocations thru FY 2004	\$	7,904
Allocation for FY 2005		125
Allocation for FY 2006		25
Allocation for FY 2007		50
Balance to Complete after FY 2007	\$	TBD <sup>1/</sup>
Benefit to Cost Ratio Applicable rate (5.8%)		1.3
Benefit to Cost Ratio at 7%		1.2
Remaining Benefits Remaining Costs Ratio (7%)		1.2

<sup>1/</sup> Budget and schedule to complete PED is being negotiated with local sponsor.

FY 2007 ACTIVITIES: Continue negotiations with local sponsor, Lewis County, and Washington Department of Transportation on Design Agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION/ISSUE: Project has the strong support of the Washington Department of Transportation and the Governor. Chief's Report signed September 27, 2004. Project is ready for authorization in next WRDA.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Representatives Brian Baird (WA-03) and Norm Dicks (WA-06); Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle

Date: 02 April 2007

FACT SHEET  
INVESTIGATIONS

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Elliott Bay Seawall, Washington

**AUTHORIZATION:** Section 209 of the FCA of 1962 (PL 84-874). Study Resolution, Docket 2704, Committee on Transportation and Infrastructure, U.S. House of Representatives, dated 25 Sep 2002; and Committee Resolution, Committee on Environment and Public Works, U.S. Senate, dated 26 Sep 2002.

**LOCATION:** Elliott Bay is the portion of Puget Sound directly adjacent to downtown Seattle, in King County, western Washington.

**DESCRIPTION:** The project will study the feasibility and Federal interest in renovating or replacing the aging and deteriorating seawall.

SUMMARIZED FINANCIAL DATA (\$000)	Study FY 2007 (\$000)
Estimated Federal Cost	\$ 4,759
Estimated Non-Federal Cost	4,759
Cash	0
Other	4,759
Total Estimated Cost	\$ 9,518
Allocations thru FY 2004	\$ 67
Allocation for FY 2005	324
Allocation for FY 2006	743
Allocation for FY 2007	350
Balance to Complete after FY 2007	\$ 3,275
Benefit to Cost Ratio Applicable rate (___%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

**FY 2007 ACTIVITIES:** Continue the feasibility study, with tasks including plan formulation and economic studies, HTRW site assessment, and environmental coordination.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility, FY 2009

**OTHER INFORMATION/ISSUE:** The Elliott Bay Seawall was constructed in 1911 with non-Federal resources. The seawall provides storm damage protection and support for the City of Seattle waterfront, north/south automobile and railroad corridors, and facilities for the many ships that utilize the Port of Seattle. The seawall is an aging structure constructed out of wooden platforms, steel sheet piling, concrete, and fill. The seawall has suffered significant damage over the years through a combination of erosion, material decomposition, and most recently the 2001 Nisqually earthquake. Though wide-scale damage has not yet occurred, there is increasing evidence that large portions of the seawall may not be able to withstand any further deterioration from storms or another large earthquake. Complete replacement of the seawall will likely be necessary.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representatives Jim McDermott (WA-07) and Norm Dicks (WA-06), Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

**DISTRICT:** Seattle

Date: 5 April 2007

**FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Manhattan Kansas Local Protection Project

**AUTHORIZATION:** Section 216 of the Flood Control Act of 1970.

**LOCATION:** The City of Manhattan, Kansas, and an unincorporated area of Pottawatomie County, Kansas, is northwest of the confluence of the Big Blue and the Kansas Rivers, downstream from Tuttle Creek Lake.

**DESCRIPTION:** The town and the unincorporated area are in the floodplain of both rivers and are protected from flooding by the Manhattan levee project. The existing levee system includes 29,000 feet of levee, 4,000 feet of channel improvement on the Kansas River, relief wells and two pumping plants. The area protected by the levee system includes over 1,500 homes, over 500 businesses and public facilities with an estimated investment value at over \$600 million. The feasibility study will identify and recommend alternatives to protect the residential, commercial, and infrastructure within the levee system.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Recon</u></b>	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$170	\$1,500
Estimated Non-Federal Cost	0	1,500
Cash	0	1,500
Other	0	0
Total Estimated Cost	\$170	3,000
Allocation thru 2004	\$125	0
Allocation for FY 2005	38	0
Allocation for FY 2006	7	72
Allocation for FY 2007	\$0	100
Balance to Complete after FY 2007	0	\$1,328
Benefit to Cost Ratio Applicable rate (____%)	NA	0
Benefit to Cost Ratio at 7%	NA	1.4
Remaining Benefits Remaining Costs Ratio at 7%)	NA	0

**FY 2007 ACTIVITIES:** Completion of study area mapping, existing conditions hydraulic modeling, initiate engineering evaluations of existing structures for eventual determination of reliability.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Completion of the feasibility phase is FY11 based on best available projections of the Federal and non-Federal funding streams.

**OTHER INFORMATION:** The Feasibility Cost Sharing Agreement was signed in September 2005. There are no authorization, cost of study, or scope changes of the study to date.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senators Roberts (KS), and Brownback (KS); Congresswoman Boyda (KS-02)

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Missouri River Levee System (MRLS) Units L-455 and R 471-460, Missouri and Kansas

**AUTHORIZATION:** Section 216 of the 1970 Flood Control Act (PL 91-611), which provides authority to re-examine completed Civil Works projects.

**LOCATION:** The study area includes the flood plain on both sides of the Missouri River in the vicinity of St. Joseph, Missouri, in Buchanan County, Missouri, and Doniphan County, Kansas. Within the protected area of the levee system lie the City of St. Joseph, Missouri, the Rosecrans Memorial Airport and Missouri Air National Guard Base, and the cities of Elwood and Wathena, Kansas.

**DESCRIPTION:** Flood protection for the area is currently provided by MRLS Units L-455 on the left bank and R 471-460 on the right. The L-455 levee protecting St. Joseph, Missouri, is 15.6 miles long and averages 13 feet high. The R 471-460 levee, protecting Elwood, KS, Wathena, KS, Rosecrans Airport and the Missouri's Air National Guard complex, is 13.8 miles long and averages 15 feet high. The feasibility study has been approved, justifying a modification to the project for raising the R471-460 Unit by an average of 3 feet, along with a minor associated modification to the L455 Unit, for a total cost of \$33,696,000(FY 2007 prices). The proposed work is within the authority of the Chief of Engineers under design deficiency, and new authority is not required for this modification.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>PED</u></b>
Estimated Federal Cost	\$900	\$1,875
Estimated Non-Federal Cost	900	625
Cash	900	625
Other	0	0
Total Estimated Cost	\$1,800	2,500
Allocation thru 2004	\$594	0
Allocation for FY 2005	106	0
Allocation for FY 2006	200	0
Allocation for FY 2007	\$0	50
Balance to Complete after FY 2007	0	\$1,825
Benefit to Cost Ratio Applicable rate (____%)	NA	0
Benefit to Cost Ratio at 7%	NA	1.6
Remaining Benefits Remaining Costs Ratio at 7%)	NA	1.6

**FY 2007 ACTIVITIES:** In 2007 we will negotiate/execute the design agreement. We will also develop and negotiate the technical scope, project management plan, and budget for the design phase. Based upon that, we will finalize the design agreement and sign it with the sponsors.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Earliest completion of PED, subject to optimal availability of Federal and local funds, would be FY 2010.

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO); Senator Roberts (KS); Representative Graves (MO-06).

**DISTRICT:** Kansas City

Date: 3 April 2007



FACT SHEET  
INVESTIGATIONS

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME AND STATE: Skagit River, Washington

AUTHORIZATION: Section 209 of the FCA of 1962 (PL 84-874).

LOCATION: The study area is located 60 miles north of Seattle in the Skagit River Basin, and includes the cities of Mount Vernon, Burlington and Sedro-Woolley in Skagit County, Washington.

DESCRIPTION: The purpose of the project is to investigate and recommend solutions to provide flood damage reduction to these cities as well as reduced flooding to the rural area of the flood plain. Flood damage reduction alternatives being examined include levees, diversion channels, additional flood control storage at five existing non-Federal dams, and other features, and off-channel storage.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)	
	<u>Study</u>	
Estimated Federal Cost	\$ 4,566	
Estimated Non-Federal Cost	4,566	
Cash	1,279	
Other	3,287	
Total Estimated Cost	9,132	<u>1/</u>
Allocation thru FY 2004	2,586	
Allocation for FY 2005	361	
Allocation for FY 2006	297	
Allocation for FY 2007	350	
Balance to Complete after FY 2007	TBD	<u>1/</u>
Benefit to Cost Ratio Applicable rate ( _%)	N/A	
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Costs Ratio at 7%	N/A	

1/ Budget and schedule to complete study is being negotiated with local sponsor.

FY 2007 ACTIVITIES: Continue the feasibility study including the preliminary hydraulic and physical design of preliminary measures. Execute an interim Feasibility Cost Sharing Agreement with Skagit County and prepare a Project Management Plan to scope the completion of feasibility.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012

OTHER INFORMATION: The schedule and budget estimate based on estimates used in ongoing negotiations with local sponsor on amended PMP/FCSA. Will be finalized after FCSA execution this July.

ADMINISTRATION POSITION: Consistent with Administration position.

CONGRESSIONAL INTEREST: Representatives Rick Larsen (WA-02) and Norm Dicks (WA-06), and Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

District: Seattle

02 April 2007

**FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Swope Park Industrial Area, Kansas City, Missouri

**AUTHORIZATION:** A Resolution adopted by the Committee on Public Works and Transportation, United States House of Representatives on September 19, 1984, requested a review of potential flood damage reduction projects on the Blue River, vicinity of Kansas City, Missouri and Kansas.

**LOCATION:** The Swope Park Industrial Area is a local flood protection project located on the left descending bank of the Blue River. The 50-acre site drains about a 272 square-mile area, mostly in a highly urbanized part of the Kansas City metropolitan region. Within the corporate limits of Kansas City, Missouri, the industrial park is centered on 75<sup>th</sup> Terrace and bounded by a Union Pacific Railroad track and the Blue River Channel.

**DESCRIPTION:** The Swope Park Industrial Area is a business park within the urban core of Kansas City, providing over 400 skilled manufacturing jobs to the local economy. The entire study area is within the 1 percent-chance flood plain. The study is in the Pre-construction Engineering and Design (PED) phase that will continue development of the engineering design, plans and specifications for future construction.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>
	<b><u>PED</u></b>
Estimated Federal Cost	\$ 750
Estimated Non-Federal Cost	250
Cash	250
Other	0
Total Estimated Cost	\$ 1,000
Allocation thru 2004	\$ 274
Allocation for FY 2005	219
Allocation for FY 2006	99
Allocation for FY 2007	158
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.375%)	1.52
Benefit to Cost Ratio at 7%	1.16
Remaining Benefits Remaining Costs Ratio at 7%)	1.21

**FY 2007 ACTIVITIES:** FY07 funds will be used to complete the 65-percent Design Document Report (DDR) and initiation of construction plans & specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY2008 / Funds would be used to complete PED, consisting of the floodwall structural design and develop plans and specs. This project, on the Blue River, is under serious threat of flooding until this project is constructed. This industrial area provides essential jobs and tax base for the urban core of Kansas City, MO.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Congressman Cleaver (MO-5)

**DISTRICT:** NWK

Date: 3 April 2007

**FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Upper Turkey Creek Basin Study, Johnson and Wyandotte Counties, Kansas

**AUTHORIZATION:** Resolution of the Committee on Transportation and Infrastructure, U.S. House of Representatives, adopted February 16, 2000, Docket 2616.

**LOCATION:** The study area covers about 20 square miles comprising the Turkey Creek basin in Wyandotte and Johnson Counties, Kansas from the headwaters to the upstream limits of the authorized Turkey Creek flood damage reduction project in the lower basin. The Study includes the Cities of Merriam and Kansas City, Kansas, as well as other cities in Johnson County, Kansas.

**DESCRIPTION:** The Turkey Creek channel through the upper segment of the fully urbanized basin is about 15 miles long. The objective of the feasibility study is to identify opportunities for Federal participation in structural and/or nonstructural flood damage reduction and for ecosystem restoration in the basin.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>FY 2007 (\$000)</u></b>
	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$1,232
Estimated Non-Federal Cost	1,232
Cash	1,232
Other	0
Total Estimated Cost	\$2,464
Allocation thru 2004	\$538
Allocation for FY 2005	238
Allocation for FY 2006	99
Allocation for FY 2007	200
Balance to Complete after FY 2007	157
Benefit to Cost Ratio Applicable rate (____%)	0
Benefit to Cost Ratio at 7%	1.5
Remaining Benefits Remaining Costs Ratio at 7%)	0

**FY 2007 ACTIVITIES:** Continue feasibility study. Conduct engineering design, hydrologic and hydraulic analyses, and economic and environmental analysis of screening alternatives. Select recommended plan, conduct ITR of plan formulation and screening, environmental and NEPA documentation, and public involvement/agency coordination.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2009 based upon funding allocation history.

**OTHER INFORMATION:** The Feasibility Cost Sharing Agreement was signed with the City of Merriam, Kansas in 2002. There have been no changes to the study authorization or cost to date.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senators Roberts (KS) and Brownback (KS), and Congressman Moore (KS-03)

**DISTRICT:** Kansas City

Date: 3 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Big Sioux River at Sioux Falls, South Dakota

AUTHORIZATION: WRDA 96, Public Law 104-303

LOCATION: Sioux Falls is located on a large bend of the Big Sioux River and at the confluence with Skunk Creek in the south half of Minnehaha County in southeastern South Dakota.

DESCRIPTION: The project is an improvement of an existing project. It consists of raising the levee from the diversion dam to the upstream tie-off, raising the diversion channel levee, modifying the chute and stilling basin, raising the diversion dam, raising the levees on Skunk Creek, raising Big Sioux levees downstream of Skunk Creek, and bridge improvements.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$35,056
Estimated Non-Federal Cost	11,691
Cash	3,469
Other	8,222
Total Estimated Project Cost	\$46,747
Allocation thru FY 2004	\$11,674
Allocation for FY 2005	1,018
Allocation for FY 2006	1,483
Allocation for FY 2007	2,400
Balance to Complete After FY 2007	18,481
Benefit to Cost Ratio Applicable rate (7.375%)	1.24
Benefit to Cost Ratio at 7%	1.31
Remaining Benefits Remaining Costs Ratio at 7%	2.80

FY 2007 ACTIVITIES: Funds will be used to raise the levee 4 feet on the east side of the Big Sioux River between 41st Street and I-229. This is part of the Phase 2 construction that incorporates the levee raise for the Big Sioux River and Skunk Creek on the west side of the City.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010

OTHER INFORMATION: There is very strong local support for the project and no opposition. The sponsor is concerned that Federal budget constraints will severely reduce construction progress leaving the community subject to high risk flooding and construction inefficiencies resulting in higher total project costs.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senators Thune (SD) and Johnson (SD); Representative Herseth (SD-AL)

DISTRICT: Omaha District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/ STUDY NAME: Blue River Basin, Kansas City, Missouri

AUTHORIZATION: Water Resources Development Act of 1996 (PL 104-303).

LOCATION: The project is located along the left bank of the Blue River from U.S. 71 Highway upstream for a distance of about 1-¼ miles in Jackson County, Missouri, to the Bannister Federal Complex levee.

DESCRIPTION: The project purpose is flood protection of Dodson Industrial Area and consists of a levee, floodwall and gate system 6,790 feet long connecting the Bannister Road Federal Complex levee at the upstream end to the embankment of Bruce R. Watkins Drive on the downstream end.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$16,601
Estimated Non-Federal Cost	7,415
Cash	1,350
Other	6,065
Total Estimated Project Cost	\$24,016
Allocation thru 2004	\$ 3,467
Allocation for FY 2005	757
Allocation for FY 2006	3,960
Allocation for FY 2007	4,300
Balance to Complete After FY 2007	4,117
Benefit to Cost Ratio Applicable rate (7.125%)	1.7
Benefit to Cost Ratio at 7%	1.9
Remaining Benefits Remaining Costs Ratio at 7%	7.1

FY 2007 ACTIVITIES: Complete Construction Contract 3, which includes complex modifications to a 96-inch diameter municipal sewer.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2009

OTHER INFORMATION: The Project Cooperation Agreement (PCA) for this project was executed in September 2001.

ADMINISTRATION POSITION: This work is consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representative Cleaver (MO-05), Senator Bond (MO).

DISTRICT: Kansas City District

Date: 04 Apr 2007

FACT SHEET  
CONSTRUCTION

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Buford Trenton Irrigation District (BTID), ND

**AUTHORIZATION:** Section 336 of WRDA 1996.

**LOCATION:** The project is located in the flood plain along the left (north) bank of the Missouri River near its confluence with the Yellowstone River, upstream from Williston, ND.

**DESCRIPTION:** The purpose of this project is to acquire from willing sellers, a permanent flowage and saturation easement over lands that have been affected by rising groundwater and the risk of surface flooding.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$29,760 <sup>1/</sup>
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Project Cost	\$29,760
Allocation through FY 2004	\$27,091
Allocation for FY 2005	1,402
Allocation for FY 2006	867
Allocation for FY 2007	400
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

<sup>1/</sup>Project authorized at a cost not to exceed \$34,000,000.

**FY 2007 ACTIVITIES:** Funds are being used to continue acquisition of easements from willing sellers and to fund PL 91-646 relocation assistance payments and to begin financial close out the project.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Project will be completed with FY 2007 funding.

**OTHER INFORMATION:** The BTID project consists of some 12,249 acres and 64 landowners. Eight landowners in the BTID submitted claims totaling \$187,000 in October 1971 for damage from the Corps project. These claims were denied by the Government in January, 1974. As a result of increased river stages and a rising ground water table from the backup in the Garrison Reservoir, the Corps installed two pump stations in 1978. Ground water levels have continued to rise notwithstanding the operation of the two pumping stations.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Rep Pomeroy, ND-AL, Senators Dorgan (ND) and Conrad (ND)

**DISTRICT:** Omaha District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Missouri River Levee System (MRLS), Iowa, Nebraska, Kansas and Missouri (Unit L-385)

AUTHORIZATION: 1941 & 1944 Flood Control Acts

LOCATION: The Kansas City District portions of the project reside on either side of the Missouri River from Rulo, Nebraska, about 498 miles to the mouth near St. Louis, Missouri.

DESCRIPTION: The project is a series of levee units and other appurtenant flood protection structures constructed for agricultural lands and small communities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 49,300
Estimated Non-Federal Cost	35,000
Cash	20,900
Other	14,100
Total Estimated Project Cost	\$ 84,300
Allocation thru 2004	\$ 44,103
Allocation for FY 2005	2,169
Allocation for FY 2006	528
Allocation for FY 2007	2,500
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (2.5 %)	1.5
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	22.1

FY 2007 ACTIVITIES: Complete Unit L-385 including remaining contract modifications, O&M manuals and fiscal close-out.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Unit L-385 is physically complete.

ADMINISTRATION POSITION: This work is consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Bond (MO-S1), Representatives Graves (MO-06), Akin (MO-02)

DISTRICT: Kansas City District

Date: 4 April 2007



FACT SHEET  
CONSTRUCTION

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction,

**PROJECT/STUDY NAME:** Perry Creek, IA

**AUTHORIZATION:** Water Resources Development Act of 1986, Section 401a and reauthorized in Section 151 of the FY 2004 Energy and Water Development Appropriations Act (PL 108-137)

**LOCATION:** The Perry Creek basin is located in Woodbury and Plymouth Counties in northwestern Iowa. The downstream 5 miles of the basin lie within the corporate limits of Sioux City, Iowa, and drain the central portion of the city.

**DESCRIPTION:** The project consists of 14,800 linear feet of grass and rock lined channel, 1,500 linear feet of new conduit, modification of 710 linear feet of existing conduit, a concrete stilling basin and a basin-wide flood warning system.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$57,122
Estimated Non-Federal Cost	37,307
Cash	1,279
Other	36,028
Total Estimated Cost	\$94,429
Allocation thru FY 2004	37,664
Allocation for FY 2005	8,972
Allocation for FY 2006	8,986
Allocation for FY 2007	1,500
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (8.25%)	1.12
Benefit to Cost Ratio at 7%	1.28
Remaining Benefits Remaining Costs Ratio at 7%	4.1

**FY 2007 ACTIVITIES:** Complete the final construction contract and project closeout activities.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Project is completed with FY 2007 funding.

**OTHER INFORMATION:** The ability to pay provisions of WRDA of 1986 were modified by rule changes published in the Federal Register on January 26, 1995. The provisions allow elimination of the 5 percent cash contribution if both of the following are met 1) LERRD comprise 35 percent or more of the total project cost and 2) the per capita cost exceeds \$300 per person. The city of Sioux City, Iowa meets both of the requirements to waive the 5 percent cash contribution.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative King, IA-05, Senators Grassley (IA) and Harkin (IA)

**DISTRICT:** Omaha District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Shoalwater Bay Shoreline Erosion, WA

AUTHORIZATION: Section 545 of WRDA 2000 (PL 106-541) and FY 2002 Energy and Water Development Appropriations Act

LOCATION: Shoalwater Bay Indian Reservation, Pacific County, Washington

DESCRIPTION: The project would protect the Shoalwater Reservation from severe coastal erosion and storm events that coincide with high tides. The Reservation has been under severe flooding threat resulting from erosion of a barrier dune that previously protected the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Construction</u>	
Estimated Federal Cost	\$17,513	
Estimated Non-Federal Cost	0	
Cash	0	
Other	0	
Total Estimated Project Cost	17,513	
Allocation thru 2004	1,807	
Allocation for FY 2005	367	
Allocation for FY 2006	1,390	1/
Allocation FY 2007	328	
Balance to Complete after FY 2007	13,621	
Benefit to Cost Ratio Applicable rate	NA	
Benefit to Cost Ratio at 7%	NA	
Remaining Benefits Remaining Costs Ratio	NA	

1/ Reflects \$15k rescission and \$95k revocation

FY 2007 ACTIVITIES: Following approval of the decision document, construct the north flood berm extension.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: Section 545 of WRDA 2000 and the FY 2002 Energy and Water Development Appropriations Act authorized project formulation, design, construction and maintenance at 100% Federal expense subject to certain conditions. Funding to date has been through Congressional Adds. If continued funding is not provided, the Shoalwater Reservation will continue to experience severe coastal erosion, the constant threat of coastal storm flood damage, and potential loss of life.

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: Representatives Brian Baird (WA-03) and Norm Dicks (WA-06); Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction,

**PROJECT/STUDY NAME:** Western Sarpy and Clear Creek, Nebraska

**AUTHORIZATION:** Section 101(b)(21) of the Water Resources Development Act of 2000.

**LOCATION:** The project area is located along and on both banks of the Lower Platte River and a portion of the Elkhorn River in eastern Nebraska.

**DESCRIPTION:** The project will consist of 50-year left and right bank levees. Existing levees will be reconstructed, along with portions of new levee construction. The project will incorporate a new Camp Ashland (Nebraska Army Nat Guard) levee, funded by the Guard.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$14,082
Estimated Non-Federal Cost	7,582
Cash	1,482
Other	6,100
Total Estimated Project Cost	\$21,664
Allocation through FY 2004	1,324
Allocation for FY 2005	889
Allocation for FY 2006	1,477
Allocation for FY 2007	3,300
Balance to Complete After FY 2007	7,092
Benefit to Cost Ratio Applicable rate (5.875%)	1.82
Benefit to Cost Ratio at 7%	1.55
Remaining Benefits Remaining Costs Ratio at 7%	3.0

**FY 2007 ACTIVITIES:** Complete levee design and construct approximately 3 miles of levee.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2009

**OTHER INFORMATION:** The PCA was executed 28 April 2004. Total project cost has increased due to refined design and delay with Federal funding. The current project cost estimate is being reviewed to verify if a post authorization change report is required. The sponsor is very concerned that Federal funding has been a major constraint with project execution. Also, the sponsors are completing nonstructural measures, consisting of floodproofing of cabins and homes. These measures became a separate element without credit to sponsors.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Representatives Terry (NE-2), and Fortenberry (NE-1) and Senators Hagel (NE) and Nelson (NE)

**DISTRICT:** Omaha District

Date: 5 April 2007

# CONTINUING AUTHORITIES PROGRAM

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 14**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction/CAP

**PROJECT/STUDY NAME:** Argosy Road Bridge, Riverside, Missouri

**AUTHORIZATION:** Section 14, Flood Control Act of 1946.

**LOCATION:** The project is located at the Argosy Road Bridge in Riverside, Missouri on the Line Creek tributary to the Missouri River.

**DESCRIPTION:** Severe bank erosion of Line Creek over a 900 foot length is threatening to undermine the piers and the abutments of the Argosy Road Bridge on a large City of Riverside commercial/industrial access road.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$12	\$660
Estimated Non-Federal Cost	0	340
Cash	0	0
Other	0	0
Total Estimated Cost	\$12	\$1000
Allocation thru 2004	\$12	0
Allocation for FY 2005	0	0
Allocation for FY 2006	\$12	107
Allocation for FY 2007	\$0	95
Balance to Complete after FY 2007	0	\$458
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Continue design of plans and specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Senator McCaskil (MO) MO-6

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 205**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction/CAP

**PROJECT/STUDY NAME:** Blacksnake Creek, St. Joseph, Missouri – Sec 205

**AUTHORIZATION:** Section 205, Flood Control Act of 1948.

**LOCATION:** The project is located in the northern edge of the city limits of St. Joseph, Missouri along St. Joseph Avenue. Blacksnake Creek is a left bank tributary of the Missouri River (confluence at river mile 449.1). Total watershed area is 8.2 square miles.

**DESCRIPTION:** Flash flooding within the Blacksnake Creek watershed affects numerous residential, commercial, and industrial properties along St. Joseph Avenue. One of the most serious recent floods occurred in 1984 causing several million dollars in damages. This project will develop a comprehensive flood protection project that will reduce flood damages for up to the 1 percent chance (100-year) flood along St. Joseph Avenue.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$530	\$3,639
Estimated Non-Federal Cost	430	1,960
Cash	430	0
Other	0	0
Total Estimated Cost	\$960	\$5,599
Allocation thru 2004	\$280	0
Allocation for FY 2005	5	0
Allocation for FY 2006	238	0
Allocation for FY 2007	\$7	0
Balance to Complete after FY 2007	0	\$3,639
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Complete plan formulation, screening of alternative plans, plan selection, preparation of engineering and other technical appendices, and preparation of draft report.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility phase completion FY 2007.

**OTHER INFORMATION:** Study delayed by consideration of locally preferred alternative with a recreation component being considered by the local sponsor.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Senator McCaskil (MO) MO-6

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 205**

**BUSINESS PROGRAM:** Flood and Coastal Storm Reduction/CAP

**PROJECT/STUDY NAME:** Denison, IA

**AUTHORIZATION:** Section 205 of the Flood Control Act of 1948, as amended

**LOCATION:** East Boyer and Boyer Rivers at Denison, IA are located in Crawford County, approximately 60-miles northeast of Omaha, NE.

**DESCRIPTION:** The Denison Flood Protection Project will construct a right bank levee and floodwall along the East Boyer River to reduce recurring flooding problems in the City of Denison, Iowa.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$272.0	\$2,887.0
Estimated Non-Federal Cost	172.0	1,554.5
Cash	172.0	1,099.5
Other	0.0	455.0
 Total Estimated Cost	 \$444.0	 \$4,441.5
 Allocation thru 2004	 \$272.0	 \$ 466.0
Allocation for FY 2005	0.0	185.0
Allocation for FY 2006	0.0	1,486.0
Allocation for FY 2007	0.0	750.0
Balance to Complete after FY 2007	0.0	0.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** Last option on the construction contract was exercised in October 2006 for the remaining 400-feet of floodwall. Contract completion is scheduled for May 2007. Remaining work consists of definitizing remaining contract modifications, supervision and administration, engineering and design during construction, and certification of real estate.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative King (IA-05), Senators Harkin and Grassley

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 205**

**BUSINESS PROGRAM:** Flood and Coastal Storm Reduction/CAP

**PROJECT/STUDY NAME:** Livingston, MT

**AUTHORIZATION:** Section 205 of the Flood Control Act of 1948, as amended

**LOCATION:** The study area includes the Yellowstone River floodplain in the City of Livingston.

**DESCRIPTION:** The draft Flood Insurance Rate Map developed by the Corps indicates that the City's existing private levee is deficient and 460 structures behind the levee are in the 100-year floodplain (most are also in the floodway). This study aims to investigate potential alternatives for reducing the severity and frequency of flooding in the community.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$504.0	\$2,500.0
Estimated Non-Federal Cost	404.0	1,346.0
Cash	253.0	
Other	151.0	
 Total Estimated Cost	 \$908.0	 \$3,846.0
Allocation thru 2004	\$100.0	\$ 0.0
Allocation for FY 2005	37.0	0.0
Allocation for FY 2006	104.0	0.0
Allocation for FY 2007	100.0	0.0
Balance to Complete after FY 2007	163.0	2,500.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** Continuation of the feasibility study to finalize plan formulation and evaluation of alternatives followed by the selection a recommended plan for optimization. Concurrent with plan formulation, the public involvement and agency coordination activities for compliance with the National Environmental Policy Act (NEPA) will be conducted.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2009

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Rehberg (MT-AL), Senators Tester and Baucus

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007



**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 14**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction/CAP

**PROJECT/STUDY NAME:** Platte City Sewer, Platte City, Missouri

**AUTHORIZATION:** Section 14, Flood Control Act of 1946.

**LOCATION:** The project is located at Platte City, Missouri, in Platte County on the Platte River.

**DESCRIPTION:** Severe bank erosion of the Platte River over a 600 foot length is threatening to undermine and destroy the City's major sanitary sewer main.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$9	\$348
Estimated Non-Federal Cost	0	171
Cash	0	171
Other	0	0
Total Estimated Cost	\$9	519
Allocation thru 2004	\$9	0
Allocation for FY 2005	0	0
Allocation for FY 2006	0	100
Allocation for FY 2007	\$0	19
Balance to Complete after FY 2007	0	\$229
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Complete preparation of design plans and specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Senator McCaskil (MO) MO-6

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 14**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction/CAP

**PROJECT/STUDY NAME:** Platte River Bridge, Conception, Missouri

**AUTHORIZATION:** Section 14, Flood Control Act of 1946.

**LOCATION:** The project is located at the City of Conception in northwestern Missouri, in Nodaway County on the Platte River.

**DESCRIPTION:** Severe bank erosion of the Platte River over an 800 foot length is threatening to undermine and cut off access to the major concrete county bridge at Conception, Missouri.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$27	\$294
Estimated Non-Federal Cost	0	151
Cash	0	0
Other	0	0
Total Estimated Cost	27	445
Allocation thru 2004	27	0
Allocation for FY 2005	0	0
Allocation for FY 2006	0	82
Allocation for FY 2007	0	13
Balance to Complete after FY 2007	0	199
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Complete preparation of design plans and specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Senator McCaskil (MO) MO-6

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 205**

**BUSINESS PROGRAM:** Flood and Coastal Storm Reduction/CAP

**PROJECT/STUDY NAME:** Platte River, Fremont, NE

**AUTHORIZATION:** Section 205 of the Flood Control Act of 1948, as amended

**LOCATION:** This study lies within the city of Fremont and village of Inglewood in the left flood plain of the Platte River in eastern Nebraska.

**DESCRIPTION:** The 100-year flood plain at Fremont is divided into two zones, northern and southern. The southern zone is impacted by flood waters overflowing the Platte River near Fremont. The northern zone is impacted by flood waters exiting the Platte River upstream and flowing into Rawhide Creek. Flooding in the northern zone can also enter southern Fremont. Significant residential and commercial areas are located within the southern 100-year floodplain. A draft flood insurance rate map developed by the Corps for FEMA indicates that the revised 100-year floodplain will extend well into heavily developed areas of southern Fremont; areas which had not previously been designated as such.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 627.0	\$2,350.0
Estimated Non-Federal Cost	527.0	1,265.0
Cash	438.0	
Other	89.0	
 Total Estimated Cost	 \$1154.0	 \$3,615.0
 Allocation thru 2004	 \$ 100.0	 \$ 0.0
Allocation for FY 2005	125.0	0.0
Allocation for FY 2006	52.0	0.0
Allocation for FY 2007	190.0	0.0
Balance to Complete after FY 2007	160.0	2,350.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** Continuation of the study to evaluate the feasibility of “ring levee” options, with minimal outlays used to assist the local sponsor in evaluating the potential for a longer levee that would tie off to high ground. This analysis is scheduled for completed in FY 2007.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2009

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Jeff Fortenberry, (NE-01), Senators Nelson and Hagel

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 205**

**BUSINESS PROGRAM:** Flood and Coastal Storm Reduction/CAP

**PROJECT/STUDY NAME:** Platte River, Schuyler, NE

**AUTHORIZATION:** Section 205 of the Flood Control Act of 1948, as amended

**LOCATION:** This study lies along a reach of the Platte River generally adjacent to Schuyler, Nebraska, which is the county seat for Colfax County. The Platte River is located approximately 1.5 miles south of the city. Lost Creek, a minor tributary of the Platte River, runs along the southern edge of the community. Another tributary to the Platte River, Shell Creek, lies just to the east of Schuyler.

**DESCRIPTION:** Schuyler is subject to flooding from both the Platte River and Shell Creek. The current FEMA Flood Insurance Rate Map for Schuyler indicates that a portion of the city is within the 100-year floodplain. A draft flood insurance rate map developed by the Corps for FEMA indicates that the revised 100-year floodplain will extend well into heavily developed areas of Schuyler; areas which had not previously been designated as such.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 495.0	\$2,705.0
Estimated Non-Federal Cost	395.0	1,456.0
Cash	270.0	
Other	125.0	
 Total Estimated Cost	 \$890.0	 \$4,161.0
Allocation thru 2004	\$ 100.0	\$ 0.0
Allocation for FY 2005	0.0	0.0
Allocation for FY 2006	75.0	0.0
Allocation for FY 2007	150.0	0.0
Balance to Complete after FY 2007	170.0	2,705.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** Continuation of the study to identify problems and opportunities, inventorying and forecasting conditions, to include the formulation of alternative plans.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2009

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Jeff Fortenberry, (NE-01), Senators Nelson and Hagel

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 205**

**BUSINESS PROGRAM:** Flood and Coastal Storm Reduction/CAP

**PROJECT/STUDY NAME:** Randolph, NE

**AUTHORIZATION:** Section 205 of the Flood Control Act of 1948, as amended

**LOCATION:** Middle Logan Creek in Randolph, Nebraska

**DESCRIPTION:** A significant portion of the city of Randolph lies in the 100-year floodplain. The intent of the project is to remove or reduce the threat of major flood events and remove most of the community from the 100-year floodplain. One alternative, the locally preferred plan, involves bridge replacement, channel improvements and an overflow channel to convey large floods around the city.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 408.0	\$2,538.0
Estimated Non-Federal Cost	308.0	1,367.0
Cash	288.0	
Other	20.0	
 Total Estimated Cost	 \$716.0	 \$3,905.0
 Allocation thru 2004	 \$ 93.0	 \$ 0.0
Allocation for FY 2005	5.0	0.0
Allocation for FY 2006	85.0	0.0
Allocation for FY 2007	100.0	0.0
Balance to Complete after FY 2007	125.0	2,538.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** Continuation of the study to size and evaluate the overflow channel. The combination of channel improvement and the overflow channel will be sized to carry the entire 100-year flood and remove the City of Randolph from the 100-year floodplain. Effort will also begin on the optimization of the channel improvement and overflow channel to determine the most cost effective combination.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2009

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Adrian M. Smith, (NE-03), Senators Nelson and Hagel

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 14**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction/CAP

**PROJECT/STUDY NAME:** South Fork Clear Creek, Route FF, Maryville, Missouri

**AUTHORIZATION:** Section 14, Flood Control Act of 1946.

**LOCATION:** The project is located at the MoDOT Route FF Bridge on the South Fork of Clear Creek, 7 miles west of Maryville, Missouri in Nodaway County.

**DESCRIPTION:** Severe bank erosion of the South Fork of Clear Creek is threatening to cut off the abutment of the large concrete MoDOT Bridge at on Route FF Highway.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$89	\$196
Estimated Non-Federal Cost	0	91
Cash	0	0
Other	0	0
Total Estimated Cost	\$89	287
Allocation thru 2004	\$88	0
Allocation for FY 2005	0	0
Allocation for FY 2006	0	30
Allocation for FY 2007	\$0	166
Balance to Complete after FY 2007	0	\$0
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Sign the PCA, complete the construction contract solicitation package, and award the construction contract. All estimated funds required for obligation of the complete construction contract are included in the approved FY 2007 work plan.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008 for actual physical completion of construction.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Senator McCaskil (MO) MO-6

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHROITIES PROGRAMS, SECTION 14**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction/CAP

**PROJECT/STUDY NAME:** St. Johns Landfill, OR

**AUTHORIZATION:** Section 14 of the 1946 Flood Control Act, as amended.

**LOCATION:** In Portland, Oregon, east of the Willamette and Columbia Rivers confluence.

**DESCRIPTION:** Severe bank erosion has occurred along portions of the 10,000-foot dike separating the closed and capped St Johns Landfill from the Columbia Slough which was the City of Portland primary dump from the 1930s to 1991. The project will stabilize the slope and provide erosion protection; avoid or minimize impacts to water quality; and provide enhanced ecological values within the Smith and Bybee Wetlands Natural area.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>Feasibility</u></b>	<b><u>FY 2007 (\$000)</u></b>
		<b><u>Design/Implementation</u></b>
Estimated Federal Cost	\$100,000	\$ 925,000
Estimated Non-Federal Cost	N/A	530,000
Cash	N/A	
Other	N/A	
Total Estimated Cost	\$100,000	\$ 1,455,000
Allocation thru 2004	\$86,250	\$ 0
Allocation for FY 2005	13,750	39,000
Allocation for FY 2006	0	52,000
Allocation for FY 2007	0	834,000
Balance to Complete after FY 2007	0	0
Benefit to Cost Ratio Applicable rate (___%)		N/A
Benefit to Cost Ratio at 7%		831/1
Remaining Benefits Remaining Costs Ratio at 7%)		N/A

**FY 2007 ACTIVITIES:** Project Cooperation Agreement (PCA) will be signed July 07. Construction contract will be awarded August 2007.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 07

**OTHER INFORMATION:** Allocation for FY 2007 is sufficient to complete construction effort.

**ADMINISTRATION POSITION:** Consistent with Administration Policy.

**CONGRESSIONAL INTEREST:** Representative Earl Blumenauer (OR-3); Senators Ron Wyden (OR) and Gordon Smith (OR).

**DISTRICT:** Portland

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 14**

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction/CAP

**PROJECT/STUDY NAME:** Stranger Creek at K-32, Kansas

**AUTHORIZATION:** Section 14, Flood Control Act of 1946.

**LOCATION:** The project is located along Kansas Highway 32 at Linwood, Kansas adjacent to the Stranger Creek.

**DESCRIPTION:** Severe bank erosion of Stranger Creek over a 1,000 foot length adjacent to Highway K-32 is threatening to cut off access of that important Kansas arterial and flank the bridge abutment.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$27	\$496
Estimated Non-Federal Cost	0	220
Cash	0	0
Other	0	0
Total Estimated Cost	\$27	\$716
Allocation thru 2004	\$27	0
Allocation for FY 2005	0	0
Allocation for FY 2006	0	85
Allocation for FY 2007	0	\$20
Balance to Complete after FY 2007	0	\$391
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Complete design of plans and specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Roberts (KS), Senator Brownback (KS) KS-2

**DISTRICT:** Kansas City

Date: 3 April 2007



# COMMERCIAL NAVIGATION

# OPERATION AND MAINTENANCE

FACT SHEET  
OPERATION AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Columbia River at Baker Bay, WA

AUTHORIZATION: River and Harbor Act of 1933, as amended.

LOCATION: Baker Bay is a shallow body of water about 15 square miles on the north side of the Columbia River near river mile 3.

DESCRIPTION: The active west channel is 16' deep, 150-200 feet wide, and approximately 3.2 miles long, providing access to the Port of Ilwaco, Pacific County, WA.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Routine O&amp;M</u> \$ Ongoing
Estimated Non-Federal Cost	0
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	0
Allocation for FY 2006	592,000
Allocation for FY 2007	38,000
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Current funding for monitoring; future funding for periodic maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: Maintenance dredging every three to five years is required for safe transit of commercial and recreational vessels. The channel serves a U.S. Coast Guard station that performs search and rescue for the mouth of the Columbia River. In the past, dredging has been performed by combining the Baker Bay site with the adjacent authorized project Columbia River between Chinook and Sand Island Washington in one contract. This contracting strategy allows the two projects to share mobilization costs and reduces the overall cost to dredge these projects.

ADMINISTRATION POSITION: The Administration supports safe, reliable navigation but places a low priority on low-use navigation projects.

CONGRESSIONAL INTEREST: Representative Brian Baird (WA-3); Senator Patty Murray (WA) and Senator Maria Cantwell (WA)

DISTRICT: Portland

Date: 5 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Columbia River between Chinook and the Head of Sand Island, WA

AUTHORIZATION: River and Harbor Act of 1938, as amended.

LOCATION: At easterly end of Baker Bay, lying on north side of Columbia River near river mile 3.

DESCRIPTION: The authorized channel is 150 feet wide, 10 feet deep and approximately 2 miles long, providing access from deep water in the Columbia to a turning basin at Chinook in Pacific Count, WA.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Routine O&amp;M</u>
Estimated Federal Cost	\$ Ongoing
Estimated Non-Federal Cost	0
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	96,000
Allocation for FY 2006	592,000
Allocation for FY 2007	31,000
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Current funding for monitoring; future funding for periodic maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: Maintenance dredging every three to five years is required for safe transit of commercial and recreational vessels. The Port Manager reports that crab-fishing vessels find it difficult to use the channel except at flood tide when dredging is not performed during the normal dredging cycle. Critical issues include in-water work timing and environmental clearances.

ADMINISTRATION POSITION: The Administration supports safe, reliable navigation but places a low priority on low-use navigation projects.

CONGRESSIONAL INTEREST: Representative Brain Baird (WA-3); Senator Patty Murray (WA) and Senator Maria Cantwell (WA)

DISTRICT: Portland

Date: 5 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Depoe Bay, OR

AUTHORIZATION: River and Harbor Act of 1937, as amended.

LOCATION: Depoe Bay is located in Lincoln County about 120 miles southwest of Portland on the Oregon coast.

DESCRIPTION: The project includes two breakwaters north of entrance, and entrance channel, and an inner basin with a retaining wall along easterly side. The gravity retaining wall was originally constructed in 1952 to create a vertical sea wall on the water side for vessel berthing and retain fill material on the landward side for community improvements including parking, underground utilities, and merchant buildings.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Routine O&amp;M</u>
Estimated Federal Cost	\$ Ongoing
Estimated Non-Federal Cost	0
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	140,000
Allocation for FY 2006	355,000
Allocation for FY 2007	3,000
Balance to Complete after FY 2007	N/A

FY 2007 ACTIVITIES: Monitor Condition of Landslide/Seawall stability

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: Since construction in 1952, portions of the Corps designed and built seawall have continued to show movement upwards of 3 feet laterally, displacing parking lots, sidewalks, and underground utilities. In 1981, the wall showed increased movement and the Corps concluded that a repair was needed to stop the movement. Improvements to the wall were made in 1994. Wall movement continued to progress after the 1994 improvements and again became significant in 2000. Upon more intensive investigation efforts, new instrument readings showed deep-seated movement well below the base of the wall and movement in the hillside above the wall, a much larger problem than previously identified.

ADMINISTRATION POSITION: The Administration supports safe, reliable navigation but places a low priority on low-use navigation projects.

CONGRESSIONAL INTEREST: Representative Darlene Hooley (OR-5); Senators Ron Wyden (OR) and Gordon Smith (OR)

DISTRICT: Portland

Date: 5 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Olympia Harbor, Washington

AUTHORIZATION: The Rivers and Harbor Act of 1927

LOCATION: Olympia Harbor is located in south Puget Sound in Washington State near Ft. Lewis.

DESCRIPTION: Olympia Harbor is a deep draft port at the south end of Puget Sound. This project provides a channel, 30 feet deep and 500 feet wide, extending from deep water in Budd Inlet to the Port Terminal. The project also includes East Bay (Swantown) Marina, with a 13-foot-deep 150-foot-wide entrance channel and two access channels 12 to 13 feet deep.

<u>SUMMARIZED FINANCIAL DATA</u>	<u>FY 2007 Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	N/A
Allocation for FY 2006	\$ 276,000
Allocation for FY 2007	\$1,118,000
Balance to Complete after FY 2007	Ongoing

FY 2007 ACTIVITIES: Maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Local activists oppose maintenance dredging and continued Port operations and development. Dioxin contamination has been confirmed resulting in a revised scope of federal dredging to remove clean sediments from the Federal channel. Negotiations between the Port of Olympia and WDOE are continuing to reach a cost sharing agreement to remove the highest levels of dioxin contamination at the Port Marine Terminal berths. Clean (Suitable) sediments from the Federal channel will be placed in the Anderson/Ketron Island open water disposal site or placed beneficially in Budd Inlet to enhance and create shallow sub-tidal habitat. Unsuitable materials from the Port berths will be carefully re-handled to an approved upland disposal site.

ADMINISTRATION POSITION: The maintenance dredging is consistent with administration policy.

CONGRESSIONAL INTEREST: Representative Brian Baird (WA-03) and Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle

Date: 5 April 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Port Angeles Harbor and Ediz Hook, Washington

AUTHORIZATION: 1974 Water Resources Development Act, Section 4 (PL 93-251)

LOCATION: Located on the southern shore of the Strait of Juan de Fuca along the spit that forms Port Angeles Harbor.

DESCRIPTION: The Ediz Hook project provides beach erosion control. The project maintains about 13,300 lineal feet of rock revetment and 3,100 lineal feet of rock blanketing and periodic beach renourishment. A US Coast Guard station is located on the eastern tip of the spit. The project protects the only road access to the USCG and public access to the spit.

<u>SUMMARIZED FINANCIAL DATA</u>	<u>FY 2007 Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	N/A
Allocation for FY 2006	N/A
Allocation for FY 2007	\$ 10,000
Balance to Complete after FY 2007	Ongoing

FY 2007 ACTIVITIES: Hydrographic survey.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Ongoing.

OTHER INFORMATION: Maintenance 5-yr cycle for erosion control was not possible in FY07 because of FY07 funding levels. Project cycle will be delayed minimum of 2 years if included in FY09 budget. Need remains to nourish beach to protect spit, reduce erosion at USCG property and investigate erosion control schedule and methods along entire spit.

ADMINISTRATION POSITION: Consistent with administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representative Norm Dicks (WA-06) and Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle

Date: 3 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Tillamook Bay and Bar, OR

AUTHORIZATION: River and Harbor Act of 1912, as amended.

LOCATION: Project is on the northern Oregon coast at Garibaldi, Tillamook County, Oregon.

DESCRIPTION: The project consists of an entrance channel 18 feet deep protected by a north jetty 5,700 feet long and a south jetty 8,000 feet long leading to a small boat basin at Garibaldi.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY2007 (\$000) <u>Routine O&amp;M</u>	<u>Repair North &amp; South Jetties</u>
Estimated Federal Cost	\$Ongoing	\$ 20,500,000
Estimated Non-Federal Cost	0	N/A
Total Estimated Cost	N/A	\$ 20,500,000
Allocation thru 2004	N/A	\$ 1,059,000
Allocation for FY 2005	0	180,000
Allocation for FY 2006	0	1,332,000
Allocation for FY 2007	16,000	0
Balance to Complete after FY 2007	N/A	17,929,000

FY 2007 ACTIVITIES: FY06 carry-over funding will be used to continue coordination for jetty work; current O&M funding for monitoring; future O&M funding for periodic maintenance dredging.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008 North Jetty (\$7M); 2009 South Jetty (\$10M).

OTHER INFORMATION: The head of the north jetty was repaired in 1991 and has been almost completely destroyed. The head of the south jetty has receded 450 feet since construction in 1979. Local interests are concerned about a potential breach near the shoreline at the north jetty. The U.S. Coast Guard maintains a permanent station at this project and has requested the Corps repair both jetties to minimize danger to boaters.

ADMINISTRATION POSITION: The Administration supports safe, reliable navigation but places a low priority on low-use navigation projects.

CONGRESSIONAL INTEREST: Representative Darlene Hooley (OR-5); Senators Ron Wyden (OR) and Gordon Smith (OR)

DISTRICT: Portland

Date: 5 April 2007



# REMAINING ITEMS

Fact Sheet  
Operation & Maintenance

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Regional Sediment Management, SW Washington Littoral Drift Restoration (Benson Beach), WA

AUTHORIZATION: Section 516, WRDA 1996

LOCATION: Southwest Washington

DESCRIPTION: Returning sand to the littoral drift of southwest Washington is intended to provide sand to shorelines within the Mouth of the Columbia River (MCR) littoral cell. Benson Beach was selected as a potential disposal area because it has experienced a high rate of erosion in recent years. The State of Washington, Pacific County and local stakeholders have been actively involved including funding the incremental cost of a demonstration project under the MCR Channel Maintenance Project in 2002. The purpose is to complete a larger demonstration to monitor the ultimate fate of the sand.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY2007(\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	TBD
Estimated Non-Federal Cost	0
Total Estimated Cost	TBD
Allocation thru 2004	0
Allocation for FY 2005	280,000
Allocation for FY 2006	1,543,000
Allocation for FY 2007	0
Balance to Complete after FY 2007	2,000,000

FY 2007 ACTIVITIES: Current work activity is completing environmental clearances for a potential placement of 500,000 cyds of sand using a hopper dredge direct pump-out method. Estimates are \$2.9 million incremental cost for a one time placement and \$500,000 for monitoring. The Lower Columbia Solutions Group has scheduled a Regional Sediment Planning forum for June. Funded by the State of Washington, it will address regional sand management technical and policy issues for the SW Washington Littoral area.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: FY05 appropriated amount of \$1,000,000 (\$949,000 after savings and slippage) was identified in Conference language for SW Washington Littoral Drift Restoration Project. \$280,000 was to continue relevant studies. The FY06 Conference provided \$1,543,000 (after recession) of which \$143,000 was used to continue studies and \$1,400,000 was retained for construction if authority is provided in the future.

ADMINISTRATION POSITION: Section 516 does not provide authorization for placement of material over the Federal Standard. Authorizing legislation is required

CONGRESSIONAL INTEREST: Representative Baird (WA-3) and Dicks (WA-6); and Senators Cantwell and Murray (WA)

DISTRICT: Portland

DATE: 5 April 07

FACT SHEET  
OPERATION AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: South Jetty Clatsop Spit, Regional Sediment Management, OR

AUTHORIZATION: Rivers and Harbors Act of 1884, as amended, and Section 516, WRDA 1996

LOCATION: The ocean side south of the South Jetty at the Mouth of the Columbia River, OR and WA. Material would be placed to build up the eroding area south of the south jetty in order to protect the jetty from adverse wave action.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$ 900,000
Estimated Non-Federal Cost	0
Total Estimated Total Project Cost	900,000
Allocation thru 2004	0
Allocation for FY 2005	0
Allocation for FY 2006	297,000
Allocation for FY 2007	0
Balance to Complete after FY 2007	603,000

FY 2007 ACTIVITIES: In FY 2006, studies were completed on wave amplification projections, sediment fate model studies, bathymetric studies of historic and recent erosion, and razor clam studies for placement scenarios. In 2007, the Lower Columbia Solutions Group (LCSG) collaborative group with participation by the Corps continues to work on this project. The information gained from these studies are being used to plan a second phase of work.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: In 2005, the first phase of the project was completed using the Federal Dredge Essayons and dredged material from the Columbia River at the Mouth project to place 34,000 cu yds of material; using environmental clearances obtained by the Port of Astoria and the LCSG.

ADMINISTRATION POSITION: This work is consistent with Administration Policy. Placement of material in this location, using a hopper dredge, is the same cost as using the deep water site and no additional authority is needed.

CONGRESSIONAL INTEREST: Representatives David Wu (OR-1), Ron Wyden (OR), Gordon Smith (OR), Brian Baird (WA-3), Norm Dicks (WA-6); Senators Maria Cantwell (WA) and Patty Murray (WA).

DISTRICT: Portland

DATE: 5 April 07

# ENVIRONMENT

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Amazon Creek, OR (Eugene-Springfield Metro Waterways Study)

AUTHORIZATION: The Corps has the authority to conduct the study under House Committee on Public Works resolution for Willamette Basin Review Study, adopted September 8, 1988.

LOCATION: Eugene-Springfield Metro area, Lane County, Oregon. Located at the northern end of the Willamette Valley at the junction of several rivers: the McKenzie, the Middle Fork of the Willamette, the coast Fork of the Willamette, the Willamette River mainstream, and Amazon Creek, a major tributary to the Long Tom River.

DESCRIPTION: The study will assess development of comprehensive water resource improvement projects in four western Oregon watersheds with benefits for multiple water resource objectives including flood damage reduction, aquatic ecosystem restoration, water quality improvement, public use, waterway improvements and integrated watershed management.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,923
Estimated Non-Federal Cost	1,750
Cash	600
Other	1,150
Total Estimated Cost	\$ 3,673
Allocation thru 2004	\$ 421
Allocation for FY 2005	209
Allocation for FY 2006	248
Allocation for FY 2007	320
Balance to Complete after FY 2007	725

FY 2007 ACTIVITIES: Activities include the third annual public workshop to present conceptual alternatives developed by the collaborative project team; refinement of those alternatives; initiation of a cost effectiveness and incremental cost analysis of each alternative plan, and floodplain mapping of Springfield area.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2011

OTHER INFORMATION: Very strong sponsor interest as evidenced by cash contribution of \$600,000.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Rep. Peter Defazio (OR-04), Senators Ron Wyden (OR) and Gordon Smith (OR)

DISTRICT: Portland

Date: 5 April, 2007

FACT SHEET  
INVESTIGATIONS  
**Enacted Studies and Projects**

BUSINESS PROGRAM: Environmental

PROJECT/STUDY NAME: Chehalis River Basin, Washington

AUTHORIZATION: Section 401a of WRDA 1986 (PL 99-662).

LOCATION: The Chehalis River Basin is located in central western Washington and is 80 miles south of Seattle. It includes portions of Grays Harbor, Thurston, and Lewis Counties. The Chehalis River rises in the southern Cascade Mountains and empties into Grays Harbor and the Pacific Ocean.

DESCRIPTION: This study is a comprehensive evaluation of the water resource needs in the entire Chehalis River basin. It focuses on ecosystem restoration, but also is addressing watershed management, water quality improvements, incidental flood damage reduction and recreation. The purpose of the study is to evaluate water resource problems and opportunities in the basin, to formulate and screen potential solutions to these problems and recommend a series of actions and projects that have a Federal interest and are locally supported.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 2,650
Estimated Non-Federal Cost	2,650
Cash	
Other	2,650
Total Estimated Cost	\$ 5,300
Allocations thru FY 2004	\$ 663
Allocation for FY 2005	
251	
Allocation for FY 2006	
49	
Allocation for FY 2007	100
Balance to Complete after FY 2007	\$ 1,587
Benefit to Cost Ratio Applicable rate (___%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue the feasibility phase, including completion of the without project conditions report for ecosystem restoration and coordination with the non-Federal sponsor on potential project identification.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility, FY 2010.

OTHER INFORMATION/ ISSUE: This study is separate from the Centralia, WA flood damage reduction project. This study is to evaluate ecosystem restoration and flood damage reduction for the entire Chehalis River basin.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Representatives Brian Baird (WA-03) and Norm Dicks (WA-06) and Senator Patty Murray (D-WA).

DISTRICT: Seattle

Date; 02 April 2007

FACT SHEET  
Investigations  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environment

**PROJECT/STUDY NAME:** James River, South Dakota

**AUTHORIZATION:** Section 401(b) of WRDA 1986.

**LOCATION:** The James River and adjacent areas are located in eastern South Dakota. The James River basin occupies 14,000 square miles and is bounded by the Missouri River drainage to the west and the Big Sioux and Vermillion River basins to the east.

**DESCRIPTION:** The primary study purpose is ecosystem restoration in association with flood damage reduction. The James River has the flattest gradient of any river of its length in North America, falling only about 135 feet along its entire 474 mile course in South Dakota. It is also poorly drained and numerous floods have occurred since 1881.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b>FY 2007 (\$000)</b>
	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$3,600
Estimated Non-Federal Cost:	3,600
Cash	0
Other	3,600
Total Estimated Cost	\$7,200
Allocation thru FY 2004	\$618
Allocation for FY 2005	397
Allocation for FY 2006	297
Allocation for FY 2007	350
Balance to Complete After FY 2007	1,938
Benefit to Cost Ratio Applicable Rate (___%)	NA

**FY 2007 ACTIVITIES:** Define existing conditions and formulate, screen, and initially analyze alternatives. Component tasks include: amend FCSA and PMP and coordinate team and stakeholders; complete HEC-RAS unsteady flow hydraulic model and AFDAM model, begin Elm River HEC-HMS model and complete ITR.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2011.

**OTHER INFORMATION:** This study addresses an array of Federal and non-Federal actions and will provide a basis for evaluating future permit actions. The sponsor has requested an evaluation of opportunities for wetland restoration, as well as an analysis of structural, non-structural, and management options to reduce damage associated with flood duration.

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Herseth, (SD-AL), Senators Johnson (SD) and Thune (SD).

**DISTRICT:** Omaha



FACT SHEET  
INVESTIGATIONS

BUSINESS PROGRAM: Environmental

PROJECT NAME AND STATE: Lake Washington Ship Canal, Washington

AUTHORIZATION: Section 216 of the FCA of 1970, (PL 91-611)

LOCATION: The Lake Washington Basin is located in and around Seattle, Washington and includes Lake Washington, Lake Sammamish, the Cedar River and tributaries, and the Lake Washington Ship Canal and estuary.

DESCRIPTION: The purpose of the study is to develop a recommended plan to restore habitat for salmon and other species.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 4,893
Estimated Non-Federal Cost	4,893
Cash	1,365
Other	3,528
Total Estimated Cost	\$ 9,786 <sup>1/</sup>
Allocation thru FY 2004	\$ 3,221
Allocation for FY 2005	387
Allocation for FY 2006	253
Allocation for FY 2007	310
Balance to Complete after FY 2007	\$ TBD <sup>1/</sup>
Benefit to Cost Ratio Applicable Rate (___%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs at 7%	NA

<sup>1/</sup> Budget and schedule to complete feasibility is being negotiated with local sponsor

FY 2007 ACTIVITIES: Continue real estate work for a suite of restoration projects that will be recommended for Federal implementation. Execute an interim Feasibility Cost Sharing Agreement with Seattle Public Utilities to scope the completion of feasibility. Complete a Synergy Report for the Ship Canal, Chittenden Locks and estuary on juvenile and adult salmon to identify potential restoration projects.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Phase 1 Feasibility, FY 2009;  
Phase 2 Feasibility, FY 2010

OTHER INFORMATION: Budget and schedule to complete feasibility for Phase 2 is being negotiated with local sponsor, Seattle Public Utilities and will be finalized with execution of an amended FCSA in FY 2007. This study is being conducted in two phases. Phase 1 covers the eastern portion of the Lake Washington Basin. Phase 2 covers the western portion of the basin, including the Corps Hiram Chittenden Locks and Ship Canal. This project is critical for implementation of the WRIA 8 (Lake Washington Basin) Recovery Plan for ESA listed Chinook salmon.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Representatives Jay Inslee (WA-01), Jim McDermott (WA-07), Dave Reichert (WA-08), and Adam Smith (WA-09); Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle

Date: 02 April 2007

FACT SHEET  
INVESTIGATIONS

BUSINESS PROGRAM: Environmental

PROJECT/STUDY NAME: Skokomish River Basin, Washington

AUTHORIZATION: Section 209 of the FCA of 1962 (PL 87-874).

LOCATION: Mason County and the Skokomish Indian Reservation, Washington. The Skokomish River basin is located in northwest Washington, along the southeast portion of the Olympic Peninsula.

DESCRIPTION: The Skokomish River is the primary drainage basin for the southeast region of the Olympic Peninsula and flows from its headwaters in the Olympic Mountains to its outlet in Hood Canal. The basin consists of 80 river miles and 260 miles of tributaries. Since 1884, 33% (~1700 acres) of the lower Skokomish basin wetlands have been lost including estuarine wetlands. Flow alterations from Cushman Dam have contributed to isolation of side channels. ESA listed threatened species (Puget Sound Chinook, Hood Canal summer chum and bull trout) will benefit from rearing and spawning habitat improvements to nationally recognized critical habitat, as well as nesting and rearing habitat for bald eagles. Alternative measures being considered include connections of isolated off-channel habitats on Forest Service, private, and tribal lands and restoration of wetlands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$2,193
Estimated Non-Federal Cost	2,193
Cash	1,262
Other	931
Total Estimated Cost	4,386
Allocation thru 2004	0
Allocation for FY 2005	0
Allocation for FY 2006	29
Allocation for FY 2007	325
Balance to Complete after FY 2007	1,839
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ration at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Initiate draft hydrologic/hydraulic without project conditions report, complete biological surveys, initiate cultural resources surveys and resource agency coordination, and conduct public meeting.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility, FY 2009.

OTHER INFORMATION: A favorable 905(b) report was completed in 2000, but the study was deferred at the sponsor's request in 2002. Feasibility Cost Share Agreement was signed in 2006. Washington State government, Tribal nations, and local and national non-governmental organizations (NGOs) have identified the GI as a critical component to the success of other Puget Sound ecosystem recovery. The strong benefit in restoration of the Skokomish River Basin is the measurable environmental benefits to the Hood Canal Basin, including 1) creating the natural environment necessary to restore historical numbers and diversity of currently threatened and endangered salmon in Puget Sound, and 2) addressing many of the issues currently contributing to the low oxygen conditions in Hood Canal that are responsible for the fish kills that are now occurring annually.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Representative Norm Dicks (WA-06) and Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle

3 APR 2007

**FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects**

**BUSINESS PROGRAM:** Investigations

**PROJECT/STUDY NAME:** Walla Walla River Watershed, OR & WA

**AUTHORIZATION:** Resolution of the Senate Committee on Public Works adopted July 27, 1962 (Columbia River and Tributaries).

**LOCATION:** This project is located on the main stem and tributaries of the Walla Walla River in Southeast Washington and Northeast Oregon. The purpose of the project is environmental restoration; focusing primarily on establishing year round instream flows.

**DESCRIPTION:** The purpose of the project is environmental restoration; focusing primarily on establishing year round instream flows.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	FY 2007 (\$000)		
	<u>Recon</u>	<u>Feasibility</u>	<u>PED 1/</u>
Estimated Federal Cost	\$ 537	\$3,429	\$ 0
Estimated Non-Federal Cost	0	\$3,429	\$ 0
Cash	0	\$ 600	\$ 0
Other	0	\$2,829	\$ 0
Total Estimated Cost	\$ 537	\$6,858	\$ 0
Allocation thru 2004	\$ 537	\$1,469	\$ 0
Allocation for FY 2005	\$ 0	\$ 812	\$ 0
Allocation for FY 2006	\$ 0	\$ 350.5	\$ 0
Allocation for FY 2007	\$ 0	\$ 797	\$ 0
Balance to Complete after FY 2007	\$ 0	\$ 0	\$ 4,000

Benefit to Cost Ratio Applicable rate (%) NA

Benefit to Cost Ratio at %

Remaining Benefits Remaining Costs Ratio at %)

1/ PED cost pending negotiations and design agreement execution.

**FY 2007 ACTIVITIES:** Continue efforts on the feasibility study, which is to develop five different measures for environmental restoration in the basin. Efforts will focus primarily on the technical feasibility of water exchange. Release the draft Feasibility Report / Environmental Impact Statement for public review.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008

**OTHER INFORMATION:** Efforts are consistent with other ongoing restoration measures in the basin, which include the development of a Habitat Conservation Plan (HCP) under the auspices of the Endangered Species Act (ESA). Summer steelhead and bull trout are two aquatic species within the basin that are listed under the ESA. The sponsor has confirmed that they want to expand the scope to develop a new measure, Water Exchange. This project is one of a few nationwide that has a Native American Tribe as a sponsor (Confederated Tribes of the Umatilla Indian Reservation).

**ADMINISTRATION POSITION:** Study is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Congresswoman **McMorris** (WA-5) Congressman **Walden** (OR-2); Senators **Murray** and **Cantwell** (WA), Senators **Wyden** and **Smith** (OR).

**DISTRICT:** Walla Walla District, Walla Walla, WA

Date: 30 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Willamette River Environmental Dredging, OR (locally known as the Lower Willamette River Ecosystem Restoration)

AUTHORIZATION: Amended Section 224, WRDA 1999 (amending Section 312, WRDA 1990)

LOCATION: The Lower Willamette River Ecosystem Restoration project covers the 25-mile reach from Willamette Falls to its confluence with the Columbia River.

DESCRIPTION: The study will assess the feasibility of ecosystem restoration, including remediation of contaminated sediments over a portion of a 25-mile reach of the Willamette River in Portland, Oregon. The project will assess opportunities to: (1) increase the number of interconnected, active channels and open slack water areas; (2) increase shallow-sloped and less reinforced shoreline areas, and bank vegetation; (3) improve access to tributary streams; (4) increase emergent wetlands and riparian forest; and (5) improve sediment and water quality.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 3,000
Estimated Non-Federal Cost	3,000
Cash	0
Other	3,000
Total Estimated Cost	\$ 6,000
Allocation thru 2004	\$ 145
Allocation for FY 2005	151
Allocation for FY 2006	159
Allocation for FY 2007	160
Balance to Complete after FY 2007	2,385

FY 2007 ACTIVITIES: Activities include a charrette to develop conceptual alternatives for potential sites; refinement of those alternatives.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012

OTHER INFORMATION: Revision of the FCSA is in progress.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Representatives David Wu (OR-1), Earl Blumenauer (OR-3), and Senators Gordon Smith (OR) and Ron Wyden (OR).

DISTRICT: Portland

Date: 5 April, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Willamette River Floodplain Restoration, OR

AUTHORIZATION: Resolution of the House Committee on Public works and Transportation adopted September 8, 1988.

LOCATION: The Willamette River Basin, containing an area of approximately 12,000 square miles, is located in northwestern Oregon.

DESCRIPTION: The study will assess opportunities to modify existing flood plain features in the Willamette Valley to reduce flood damages while restoring natural wetlands and promoting ecosystem restoration. Restoration of natural flood plain function also offers an excellent opportunity to restore habitat conditions for threatened and other species of fish and wildlife.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$ 1,485
Estimated Non-Federal Cost	1,485
Cash	890
Other	595
Total Estimated Cost	\$2,970
Allocation thru 2004	\$ 279
Allocation for FY 2005	326
Allocation for FY 2006	396
Allocation for FY 2007	400
Balance to Complete after FY 2007	84

FY 2007 ACTIVITIES: Focus will be on detailed technical analysis of one or more high priority restoration reaches previously identified. Work will include completion of hydro models, hydro geomorphic analysis and ecological model development. Public involvement and a design charrette may be held to gather stakeholder input into the conceptual design.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009.

OTHER INFORMATION: The project has been on hold since the end of FY 2006 due to uncertainty of FY07 funding. Study delays have pushed completion of the Feasibility phase to FY 2009. A Feasibility Meeting will be held in late FY 2007. We expect the total project cost to be revised upward as a result.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representatives David Wu (OR-1), Darlene Hooley (OR-5), Peter DeFazio (OR-4), and Senators Gordon Smith (OR) and Ron Wyden (OR) .

DISTRICT: Portland

Date: 5 April, 2007

# REMAINING ITEMS

**FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects**

**BUSINESS PROGRAM:** Environment/Planning Assistance to States

**PROJECT/STUDY NAME:** Rock Creek Basin, Kansas

**AUTHORIZATION:** Section 22, Water Resources Development Act of 1974, P.L. 93-251.

**LOCATION:** The study area is the Rock Creek Basin in Johnson County, Kansas and Mission, Kansas, tributary to Brush Creek.

**DESCRIPTION:** This project is working with the City of Mission, Kansas, and Johnson County, Kansas to evaluate the habitat and water quality conditions in Rock Creek. The project will develop a watershed plan recommending best management practices for the City and County in Rock Creek, and also conceptual projects to restore, enhance, and protect aquatic, riparian, and floodplain biological habitat and water quality.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>
	<b><u>PAS</u></b>
Estimated Federal Cost	\$200
Estimated Non-Federal Cost	200
Cash	200
Other	0
Total Estimated Cost	400
Allocation thru 2004	0
Allocation for FY 2005	0
Allocation for FY 2006	200
Allocation for FY 2007	0
Balance to Complete after FY 2007	\$0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

**FY 2007 ACTIVITIES:** There are currently no FY 2007 funds allocated to this project. The project is using FY 2006 carryover funds in contract obligation to complete the watershed planning process.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Congressman Moore, (KS-03), Senator Roberts (KS), Senator Brownback (KS) KS-2

**DISTRICT:** Kansas City

Date: 3 April 2007

# CONSTRUCTION



FACT SHEET  
Construction

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Cheyenne River Sioux Tribe, Lower Brule Sioux Tribe, and State of South Dakota Terrestrial Wildlife Habitat Restoration – (Title VI)

AUTHORIZATION: P.L. 106-53, WRDA 1999 and P.L. 106-541, WRDA 2000.

LOCATION: The project includes Corps lands above the top of the exclusive flood pools at Oahe, Big Bend, Fort Randall and Gavins Point dam/reservoir projects in South Dakota.

DESCRIPTION: Provide for (1) transfer of Corps lands above the flood pools at the Oahe, Big Bend, Fort Randall and Gavins Point projects to the South Dakota Dept of Game, Fish and Parks (SDGFP); (2) transfer of Corps lands within the exterior boundaries of the Cheyenne River Sioux Tribe (CRST) Indian Reservation and the Lower Brule Sioux Tribe (LBST) Indian Reservation above the flood pools at the Oahe and Big Bend projects to the Dept of Interior to be managed in trust for the two Tribes; (3) transfer of all Corps recreation areas in South Dakota to SDGFP, CRST or LBST; and (4) establishment of a \$165.4 million trust fund in the Federal treasury (\$108 million for the State and \$57.4 million for the Tribes).

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$102,713
Estimated Non-Federal Cost:	0
Cash	0
Other	0
Total Estimated Project Cost	\$102,713
Allocation thru FY 2004	\$31,662
Allocation for FY 2005	5,109
Allocation for FY 2006	3,701
Allocation for FY 2007	4,100
Balance to Complete After FY 2007	58,141
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue a Cheyenne River sediment contamination study and fund administrative expenses. Grants will be provided to State and Tribes in accordance with Title VI.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2011

OTHER INFORMATION: WRDA 2000 technical amendments required cultural resources contracts with the State and Tribes be funded by O&M. Recreation areas in South Dakota were transferred to the South Dakota Game, Fish and Parks in 2002. Perpetuity leases for the eight recreation areas near the dams were completed in 2002. Lands within the reservation were transferred to the Department of Interior in 2002.

ADMINISTRATION POSITION: Consistent with Administration Policy but low budget priority.

CONGRESSIONAL INTEREST: Rep Herseth, (SD-AL), Sens Thune (SD) and Johnson (SD)

DISTRICT: Omaha District

Date: 5 April 2007

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FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Duwamish and Green River Basin, WA

AUTHORIZATION: Section 101(b) (26) of WRDA 2000.

LOCATION: The project is located in the Duwamish/Green River Basin, King County, in northwestern Washington State.

DESCRIPTION: The project includes construction of ecosystem restoration features at 45 sites throughout the Duwamish/Green River Basin in Puget Sound. Features include providing wood and gravel, levee removal, fish passage features, tidal marsh construction and stream rehabilitation.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Construction</u>
Estimated Federal Cost	\$127,246
Estimated Non-Federal Cost	68,517
Cash	3,300
Other	65,217
Total Estimated Project Cost	\$195,763
Allocation thru 2004	386
Allocation for FY 2005	1,110
Allocation for FY 2006	1,769
Allocation for FY 2007	1,350
Balance to complete after FY 2007	122,631
Benefit to Cost Ratio Applicable rate	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Cost Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete Lake Meridian Outlet construction; initiate design of 4 habitat sites on Mill creek; complete 95% design for Upper Springbrook Creek and Riverview Park.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2018

OTHER INFORMATION: The project is critical for recovery efforts of Puget Sound salmonid species listed under the Endangered Species Act (ESA). It has strong support from the Congressional delegation and local jurisdictions including King County and the cities of Seattle, Tukwila, Renton, Kent, Auburn, and 12 other cities throughout the basin. The project is proposed to be implemented over a 10 year period with the various jurisdictions sponsoring the appropriate project features. B/C = NA for environmental projects.

ADMINISTRATION POSITION: Consistent with administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representatives Dave Reichert (WA-08); Jim McDermott (WA-07), Norm Dicks (WA-06), and Adam Smith (WA-09); and Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Missouri and Middle Mississippi Rivers Enhancement, MO

AUTHORIZATION: Section 514 (b)(1) of the 1999 Water Resources Development Act, as amended by Sec. 125 of FY 2003 Energy and Water Development Appropriations Act.

LOCATION: The project area includes the Middle Mississippi River, from the mouth of the Ohio River to the mouth of the Missouri River, and the Missouri River, from its mouth to its headwaters near Three Forks, Montana.

DESCRIPTION: The program consists of sub-projects which will protect and enhance fish and wildlife habitat compatible with water-related needs of the region. This includes habitat development and enhancement projects within river channels, floodplains, and the Missouri River main stem reservoirs which will be operated and maintained by non-Federal sponsors. The first sub-project was constructed in 2006. Numerous other projects are in various phases of planning and design. The program enjoys strong popularity among stakeholders and complements the habitat restoration and endangered species focus of the Missouri River Recovery Program.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	TBD
Estimated Non-Federal Cost	TBD
Total Estimated Project Cost	TBD
Allocation thru 2004	\$ 1,660
Allocation for FY 2005	449
Allocation for FY 2006	842
Allocation for FY 2007	150
Balance to Complete After FY 2007	TBD
Benefit to Cost Ratio Applicable Rate ( %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Planning and design efforts are being brought to an orderly suspension of work.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: TBD. This authority is programmatic in nature.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: Senators Bond (MO) and McCaskill (MO), Representatives Hulshof (MO-09), Graves (MO-06), and King (IA-05).

DISTRICT: Kansas City District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Missouri National Recreational River, Nebraska and South Dakota

AUTHORIZATION: Wild and Scenic Rivers Act of 1968 (90-542) as amended by Section 707 of the National Parks and Recreation Act of 1978 (PL 95-625)

LOCATION: The project consists of 59 miles of the Missouri River between Gavins Point Dam SD and Ponca NE, as well as almost 18,000 acres of adjacent shoreline in NE and SD.

DESCRIPTION: Protection and enhancement of existing river qualities which resulted in its classification as a National Recreational River under the Wild and Scenic Rivers Act. Qualities include fish and wildlife, scenic, recreational, and cultural values.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$21,000
Estimated Non-Federal Cost	4,041
Cash	410
Other	3,631
Total Estimated Project Cost	\$25,041
Allocation thru FY 2004	\$9,761
Allocation for FY 2005	675
Allocation for FY 2006	474
Allocation for FY 2007	400
Balance to Complete after FY 2007	9,690
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Award an engineered logjam contract located between river miles 753 and 754 near Ponca, Nebraska.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2011

OTHER INFORMATION: Following recent approval of the Real Estate Design Memorandum, the Corps has the ability to purchase easements and fee title for lands within the MNRR program for the first time in 25 years. There is high interest in real estate actions. Design work for demonstration bank protection is being coordinated with the National Park Service and the U.S. Fish and Wildlife Service. Bank protection is fully supported by the local landowners and has received tentative support from environmental agencies.

ADMINISTRATIVE POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Sen Nelson and Hagel (NE), Rep Fortenberry (NE-1), Sen Johnson and Thune (SD), Rep Herseth (SD-AL)

DISTRICT: Omaha District

Date: 5 April 2007

FACT SHEET  
Construction

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Missouri River Restoration, ND

AUTHORIZATION: Title VII of the Water Resources Development Act of 2000 (P.L. 106-541)

LOCATION: Missouri River in the State of North Dakota

DESCRIPTION: Sections 701-707 of WRDA 2000 establishes a Missouri River Task Force and provides the purpose of reducing siltation in the Missouri River in the State of North Dakota; to meet the objectives of the Pick-Sloan program by developing and implementing a long term strategy for the Missouri River to improve conservation, protect recreation from sedimentation, improve water quality; improve erosion control, and protect historical and cultural sites from erosion; and developing and financing new projects to meet these objectives.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$10,500
Estimated Non-Federal Cost	TBD
Cash	TBD
Other	TBD
Total Estimated Project Cost	TBD
Allocation thru FY 2004	57
Allocation for FY 2005	45
Allocation for FY 2006	186
Allocation for FY 2007	180
Balance to Complete After FY 2007	10,032
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Enter into as assessment cost share agreement as outlined in the Project Management Plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012

OTHER INFORMATION: Members of the Task Force have been identified and the Charter was approved on 5 January 2006. An initial meeting was held in June 2006 in Bismarck, ND. The charter has been renewed for two more years.

ADMINISTRATION POSITION: Consistent with Administration policy but a low budget priority.

CONGRESSIONAL INTEREST: Senators Dorgan (ND) and Conrad (ND) and Representative Pomeroy (ND-AL)

DISTRICT: Omaha District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Puget Sound & Adjacent Waters Restoration, WA

AUTHORIZATION: Section 544, WRDA 2000

LOCATION: The project area encompasses over 15,000 square miles in northwest Washington State, and incorporates all waters in the Puget Sound drainage basin and the Straits of Juan de Fuca.

DESCRIPTION: The purpose of this project is to aid in ecosystem restoration in the Puget Sound area and to expedite construction of critical restoration projects.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$40,000
Estimated Non-Federal Cost	21,540
Cash	14,000
Other	7,540
Total Estimated Project Cost	61,540
Allocation thru 2004	294
Allocation For 2005	974
Allocation For FY 2006	709
Allocation For FY 2007	438
Balance to Complete after FY 2007	37,585
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Construct the Lake Washington Gravel Nourishment project. Continue feasibility studies on the Derelict Gear Removal, Nooksack Dam Removal, and Qwuloolt Estuary Restoration projects. Initiate studies on the Seahurst North Beach and Nisqually River Estuary projects following confirmation of sponsor interest.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2013.

OTHER INFORMATION: This program is strongly supported by multiple state and local agencies and is part of an ongoing effort to restore and improve anadromous fish habitat throughout Puget Sound, especially following the ESA salmon listings of March 1999. Many agencies and stakeholders view this initiative as an urgently needed delivery process for scientifically sound ecosystem restoration. This project is also needed to demonstrate model restoration concepts and methodologies.

ADMINISTRATION POSITION: Pending review of decision document.

CONGRESSIONAL INTEREST: Representatives Jay Inslee (WA-01), Rick Larsen (WA-02), Brian Baird (WA-03), Norm Dicks (WA-06), Jim McDermott (WA-07), David Reichert (WA-08), and Adam Smith (WA-09); and Senators Patty Murray (D-WA) and Maria Cantwell (D-WA).

DISTRICT: Seattle District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Sand Creek Watershed, Saunders County, Nebraska.

AUTHORIZATION: Section 101(b) (19) of the Water Resources Development Act of 2000.

LOCATION: The study area is located on Sand Creek in eastern Nebraska in Saunders County.

DESCRIPTION: The project purposes are to reestablish wetlands, reduce sedimentation, and improve water quality for the benefit of fish and wildlife.

<u>SUMMARIZED FINANCIAL DATA:</u>		FY 2007 (\$000)
		<u>Construction</u>
Estimated Federal Cost		\$7,923
Estimated Non-Federal Cost		4,598
Cash		238
Other		4360
Total Estimated Project Cost		\$12,521
Allocations thru FY 2004		1,356
Allocation for FY 2005		489
Allocation for FY 2006		1,723
Allocation for FY 2007		1,600
Balance to Complete After FY 2007		2,755
Benefit to Cost Ratio Applicable rate ( %)	N/A	
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Costs Ratio at 7%	N/A	

FY 2007 ACTIVITIES: Prepare a revised project cost estimate. Prepare and execute an amendment to the existing Project Cooperation Agreement (PCA). Construct a breakwater berm and sediment trap.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: The project and PCA are currently being modified so that the sponsor will be responsible for design and construction of the embankment, outlet works and spillway. Upon completion of construction, monitoring may be necessary to determine if the predicted outputs for the wetlands are achieved.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representative Jeff Fortenberry (NE-1), Senators Hagel (NE) and Nelson (NE)

DISTRICT: Omaha District

Date: 5 April 2007

# CONTINUING AUTHORITIES PROGRAM



**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 206**

**BUSINESS PROGRAM:** Environment / CAP

**PROJECT/STUDY NAME:** Camp Creek, Zumwalt Prairie Preserve, OR

**AUTHORIZATION:** Section 206 of WRDA 96, as amended.

**LOCATION:** Near Enterprise, Oregon in the Zumwalt Prairie Preserve.

**DESCRIPTION:** Camp Creek located near Enterprise, Oregon, is in the Zumwalt Prairie Preserve managed by the Nature Conservancy. The project purpose is environmental restoration of the creek to a more natural, free flowing condition, reestablish native riparian vegetation, and remove small dams that impede endangered steelhead spawning habitat.

FY 2007 (\$000)

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b><u>Feasibility</u></b>	<b><u>Design and Implementation</u></b>
Estimated Federal Cost	\$ 479.0	\$ 505.0
Estimated Non-Federal Cost	\$ 0.0	\$ 507.0
Cash	\$ 0.0	\$ 100.0
Other	\$ 0.0	\$ 407.0
Total Estimated Cost	\$ 479.0	\$ 970.0
Allocation thru 2004	\$ 164.8	\$ 0.0
Allocation for FY 2005	\$ 10.4	\$ 0.0
Allocation for FY 2006	\$ 117.0	\$ 0.0
Allocation for FY 2007	\$ 187.0	\$ 0.0
Balance to Complete after FY 2007	\$ 0.0	\$ 505.0
Benefit to Cost Ratio Applicable rate (%) NA		
Benefit to Cost Ratio at % NA		
Remaining Benefits Remaining Costs Ratio at % NA		

**FY 2007 ACTIVITIES:** Complete Feasibility Phase.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007

**OTHER INFORMATION:** Restoration efforts on Camp Creek would serve as a demonstration for aquatic restoration of similar degraded streams throughout the Zumwalt Prairie and the Wallowa region.

**ADMINISTRATION POSITION:** This study is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Congressman **Walden** (OR-2); Senators **Smith** and **Wyden** (OR).

**DISTRICT:** Walla Walla District, Walla Walla, WA

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 1135**

**BUSINESS PROGRAM:** Environment/CAP

**PROJECT/STUDY NAME:** Greenville Marsh, IA

**AUTHORIZATION:** Section 1135, Water Resources Development Act of 1986.

**LOCATION:** Greenville Marsh is located on the upper northwest end of Rathbun Lake, on the Honey Creek tributary in Lucas County, Iowa.

**DESCRIPTION:** The project consists of an earthen embankment approximately 800 feet long, with an average height of 6 feet constructed for the restoration of 90 acres of wetlands and aquatic habitat. Hydrology is provided by natural drainage of Honey Creek and Rathbun Lake. The embankment includes controlled outlets for management of the wildlife area by Lucas County.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$217	\$375
Estimated Non-Federal Cost	0	197
Cash	0	197
Other	0	0
Total Estimated Cost	217	572
Allocation thru 2004	173	0
Allocation for FY 2005	44	350
Allocation for FY 2006	0	20
Allocation for FY 2007	\$0	\$5
Balance to Complete after FY 2007	\$0	\$0
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA	NA

**FY 2007 ACTIVITIES:** Physical construction is complete. Funds are for final close-out activities.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Harkins (IA), Senator Grassley, (IA) IA-3

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 206**

**BUSINESS PROGRAM:** Environment/CAP

**PROJECT/STUDY NAME:** Johnson Creek/Springwater, OR

**AUTHORIZATION:** Section 206 of the 1996 Water Resources Development Act, as amended.

**LOCATION:** This project is located within the city limits of Portland, Oregon along Johnson Creek, a tributary to the Willamette River.

**DESCRIPTION:** The purpose of the proposed project is to improve habitat for a wide variety of wildlife species, including Neo-tropical migratory birds, waterfowl, shorebirds, amphibians, reptiles and mammals. The scope of this ecosystem restoration project would consist of up to 40 acres of wetland and riparian restoration

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>Design/Implementation</u></b>
Estimated Federal Cost	\$ 417,000	\$ 2,474,200
Estimated Non-Federal Cost	N/A	1,556,800
Cash	N/A	
Other	N/A	
Total Estimated Cost	\$ 417,000	\$ 4,031,000
Allocation thru 2004	\$ 144,000	\$ 0
Allocation for FY 2005	0	0
Allocation for FY 2006	218,000	0
Allocation for FY 2007	55,000	0
Balance to Complete after FY 2007	0	2,474,200
Benefit to Cost Ratio Applicable rate (___%)	N/A	
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Costs Ratio at 7%)	N/A	

**FY 2007 ACTIVITIES:** Complete Feasibility Phase.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 07

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** Consistent with Administration Policy.

**CONGRESSIONAL INTEREST:** Representative Earl Blumenauer (OR-3); Senators Ron Wyden (OR) and Gordon Smith (OR).

**DISTRICT:** Portland

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 1135**

**BUSINESS PROGRAM:** Environment/CAP

**PROJECT/STUDY NAME:** Kansas City Riverfront, Missouri

**AUTHORIZATION:** Section 1135, Water Resources Development Act of 1986.

**LOCATION:** The project is located in Kansas City, Missouri on the Port Authority property between downtown Kansas City and the Missouri River. The project is bounded by Interstate 35 to the east and the Corps of Engineers wharf area to the west, at the foot of Main Street.

**DESCRIPTION:** The project will modify the Corps of Engineers Missouri River Bank Stabilization and Navigation Project (BSNP). The project entails construction of approximately 0.2 acre of emergent wetland, 1.3 acres of planted bottomland hardwood, 3 acres of native grasses and forbs, and preservation of 0.2 acres along the riverfront.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$530	\$1204
Estimated Non-Federal Cost	0	580
Cash	0	580
Other	0	0
Total Estimated Cost	\$530	1784
Allocation thru 2004	\$443	0
Allocation for FY 2005	87	174
Allocation for FY 2006	0	988
Allocation for FY 2007	\$0	42
Balance to Complete after FY 2007	0	\$0
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Sign PCA, complete solicitation of the construction contract, and award the construction contract. All funds required for obligation of the construction contract are allocated.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008 for physical completion of construction.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Senator McCaskil (MO) MO-5

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 206**

**BUSINESS PROGRAM:** Environment/CAP

**PROJECT/STUDY NAME:** Lake Nemaha Wetlands, Kansas

**AUTHORIZATION:** Section 206, Water Resources Development Act of 1996.

**LOCATION:** Lake Nemaha is located in Northeast Kansas in Nemaha County on the south fork of the Big Nemaha River. Approximately 60 miles north of Topeka and 4.5 miles south of the town of Seneca on Highway 63.

**DESCRIPTION:** The project consists of an earthen embankment approximately 6,000 feet long, with an average height of 8 to 10 feet with 3 on 1 side slopes constructed for restoration of 150 acres of wetlands with approximately 10 acres of deep water aquatic habitat. Hydrology is provided by natural drainage and by the South Fork of the Big Nemaha River. The embankment includes a controlled outlet for management of the wildlife area by the State of Kansas.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$220	\$652
Estimated Non-Federal Cost	0	469
Cash	0	117
Other	0	352
Total Estimated Cost	\$220	1121
Allocation thru 2004	\$220	640
Allocation for FY 2005	0	8
Allocation for FY 2006	0	2
Allocation for FY 2007	\$0	2
Balance to Complete after FY 2007	0	\$0
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Physical construction is complete. Funds are for final close-out activities.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Roberts (KS), Senator Brownback (KS) KS-2

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 206**

**BUSINESS PROGRAM:** Environmental/CAP

**PROJECT/STUDY NAME:** Lower Boulder Creek, CO

**AUTHORIZATION:** Section 206 of the Water Resources Development Act of 1996, as amended

**LOCATION:** This project is located along Lower Boulder Creek in Boulder County, Colorado. The project extends along Boulder Creek from North 109<sup>th</sup> Street, approximately 1.6 miles to the North 119<sup>th</sup> Street Alignment.

**DESCRIPTION:** The project's scope consists of stream and habitat restoration and wetland development along the mined Lower Boulder Creek. The project boundaries include two of the six reaches for restoration as outlined in the "Lower Boulder Creek and Coal Creek Open Space Master Plan" as prepared for Boulder County.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$1,000.0	\$4,000.0
Estimated Non-Federal Cost		2,692.0
Cash		
Other		
 Total Estimated Cost	 \$1,000.0	 \$6,692.0
Allocation thru 2004	\$ 156.0	\$ 0.0
Allocation for FY 2005	0.0	0.0
Allocation for FY 2006	238.0	0.0
Allocation for FY 2007	275.0	0.0
Balance to Complete after FY 2007	331.0	4,000.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** Continuation of the feasibility study currently under contract to include additional tasks for the formulation of alternatives and the HEC-RAS modeling of those alternatives. The first twenty-five percent of the study was completed in FY06.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Mark Udall, (CO-2), Senators Allard and Salazar

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 1135**

**BUSINESS PROGRAM:** Environmental/CAP

**PROJECT/STUDY NAME:** Lower Decatur Bend, NE

**AUTHORIZATION:** Section 1135 of the Water Resources Development Act of 1986, as amended

**LOCATION:** This project is located along the Missouri River's west (right) overbank including side channels, from river mile 683 to 689 on the Missouri River in Burt County, Nebraska, about two miles southeast of Decatur, Nebraska and 60-road miles north of Omaha, Nebraska.

**DESCRIPTION:** The project consists of the construction of a flowing chute with an inlet and outlet connected to the river. It's designed to increase river top-width and shallows by notching revetments and dikes and excavating accreted sediments.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$680.0	\$3,096.0
Estimated Non-Federal Cost		1,258.0
Cash		788.0
Other		470.0
 Total Estimated Cost	 \$680.0	 \$4,354.0
 Allocation thru 2004	 \$680.0	 \$ 474.0
Allocation for FY 2005	0.0	38.0
Allocation for FY 2006	0.0	192.0
Allocation for FY 2007	0.0	2,392.0
Balance to Complete after FY 2007	0.0	0.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** Advertise and award the construction contract with substantial completion in fiscal year 2007. Prepare O&M Manuals, complete real estate certification of lands, easements and rights-of-way for sponsor crediting and financial closeout in FY 2008.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Lee Terry, (NE-02), Senators Nelson and Hagel

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 206**

**BUSINESS PROGRAM:** Environmental/CAP

**PROJECT/STUDY NAME:** Nathan's Lake/Mud Lake/Deer Creek, NE

**AUTHORIZATION:** Section 206 of the Water Resources Development Act of 1996, as amended

**LOCATION:** This project is located in the Missouri River floodplain consisting of several remnant wetland basins and a ditched creek channel in Washington County, Nebraska, about 3-miles north of Omaha and 4-miles southeast of Fort Calhoun, Nebraska.

**DESCRIPTION:** The project removed accumulated sediment from two old wetlands, developed a water supply diversion into the wetlands from an adjoining creek, and placed water level control structures at various points in the wetland complex.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$75.0	\$535.0
Estimated Non-Federal Cost		403.0
Cash		158.0
Other		245.0
 Total Estimated Cost	 \$75.0	 \$938.0
 Allocation thru 2004	 \$75.0	 \$467.0
Allocation for FY 2005	0.0	15.0
Allocation for FY 2006	0.0	15.0
Allocation for FY 2007	0.0	38.0
Balance to Complete after FY 2007	0.0	0.0
Benefit to Cost Ratio Applicable rate – N/A		
Benefit to Cost Ratio at 7% - N/A		
Remaining Benefits Remaining Costs Ratio at 7% - N/A		

**FY 2007 ACTIVITIES:** With the final 2007 allocation, financial closeout will be complete.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Lee Terry, (NE-02), Senators Nelson and Hagel

**DISTRICT:** Omaha District, Omaha, NE

Date: 5 April 2007



**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 206**

**BUSINESS PROGRAM:** Environmental/CAP

**PROJECT NAME AND STATE:** Port of Sunnyside Wetlands Restoration Project

**AUTHORIZATION:** Section 206 of WRDA 1996, as amended. Draft report language is provided on the back page.

**LOCATION:** The project location is along the Yakima River in central Washington, approximately 3 miles south of the City of Sunnyside, Washington.

**DESCRIPTION:** This ecological restoration project will provide 230 acres of new wetlands, riparian, and upland areas. Currently the river lacks many natural features that once existed such as side channels, riparian and wetland habitat

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$635	\$4,365
Estimated Non-Federal Cost	0	2,692
Estimated Total Project Cost	635	7,057
Allocation thru FY 2004	304	0
Allocation thru FY 2005	164	0
Allocation for FY 2006	99	0
Allocation for FY 2007	68	0
Balance to Complete after FY 2007	0	4,365
Benefit to Cost Ratio Applicable rate (___%)	N/A	
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Cost Ratio at 7%	N/A	

**FY 2007 ACTIVITIES:** Complete Feasibility activities including: Final Environmental Documents, Real estate drawings and plan, Final Feasibility Report/EA, MCASES cost estimate and Decision Document approval package.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 08

**OTHER INFORMATION:** None

**ADMINISTRATION POSITION:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Representative Doc Hastings (WA-04) and Senator Patty Murray (D-WA).

**DISTRICT:** Seattle

Date: 5 Apr 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 1135**

**BUSINESS PROGRAM:** Environment/CAP

**PROJECT/STUDY NAME:** Rathbun Lake Shoreline Site Restoration

**AUTHORIZATION:** Section 1135, Water Resources Development Act of 1986.

**LOCATION:** Rathbun Lake is located in south central Iowa in the Upper Chariton River watershed in Appanoose, Clarke, Decatur, Lucas, Monroe, and Wayne Counties.

**DESCRIPTION:** The project consists of restoration and protection of rapidly eroding lake shoreline for restoration and protection of aquatic and shoreline habitat. The project will also improve and protect water quality in Rathbun Lake. Approximately 7,000 feet of shoreline habitat will be restored, with direct restoration of approximately 50 acres of aquatic habitat and additional associated habitat and water quality benefits to the surrounding lake ecosystem.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b>FY 2007 (\$000)</b>	
	<b><u>Feasibility</u></b>	<b><u>Design &amp; Implementation</u></b>
Estimated Federal Cost	\$68	\$940
Estimated Non-Federal Cost	0	336
Cash	0	0
Other	0	0
Total Estimated Cost	\$68	1,276
Allocation thru 2004	\$7	0
Allocation for FY 2005	0	0
Allocation for FY 2006	53	0
Allocation for FY 2007	\$8	0
Balance to Complete after FY 2007	0	\$957
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Completion of design plans and specifications.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Congressman Leach (IA-02) Senator Grassley, (IA), Congressman Boswell (IA-03), Senator Harkin, IA

**DISTRICT:** Kansas City

Date: 3 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAM SECTION 206**

**BUSINESS PROGRAM:** Environment / CAP

**PROJECT/STUDY NAME:** Salmon River, Challis, Idaho

**AUTHORIZATION:** Section 206, 1996 Water Resources Development Act (As Amended), Aquatic Ecosystem Restoration.

**LOCATION:** Salmon River, near Challis, Idaho

**DESCRIPTION:** The Salmon River Aquatic Ecosystem Restoration Project includes 12 miles of the Salmon River near Challis, Idaho that is proposed for measures to help restore side channel habitat primarily for endangered steelhead.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	FY 2007 (\$000)	
	<u>Feasibility Study</u>	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 844.0	\$3,919.0
Estimated Non-Federal Cost	\$ 232.0	\$2,333.0
Cash	\$ 0.0	\$1,072.0
Other	\$ 232.0	\$1,261.0
Total Estimated Cost	\$1,076.0	\$6,252.0
Allocation thru 2004	\$ 821.0	\$ 0.0
Allocation for FY 2005	\$ 7.0	\$ 0.0
Allocation for FY 2006	\$ 16.0	\$ 292.0
Allocation for FY 2007	\$ 0.0	\$3,627.0
Balance to Complete after FY 2007	\$ 0.0	\$ 0.0
Benefit to Cost Ratio Applicable rate (%)	NA	
Benefit to Cost Ratio at %	NA	
Remaining Benefits Remaining Costs Ratio at %	NA	

**FY 2007 ACTIVITIES:** Approve Feasibility Report and initiate Design and Implementation Phase.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** DI Phase is fully funded in FY07. Physical completion will be in FY011.

**OTHER INFORMATION:** The project sponsor, Custer Soil and Water Conservation District, obtained Congressional funding for FY 2006. The sponsor is utilizing funds from the Bonneville Power Administration for their cost-share requirement. This benefits and advances the goals of the Fish and Wildlife Program of the Northwest Power Planning Council through their ability to cost-share on this project and therefore utilizes additional funds on other priority, worthwhile projects. The objectives of this project are consistent with the 2004 Biological Opinion (Remand) for the operation of the Federal Columbia River Power System. The sponsor has moved forward and has acquired a priority property on which the first phase of construction will be conducted.

**ADMINISTRATION POSITION:** This project is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Congressman **Simpson** (ID-2); Senators **Craig** and **Crapo** (ID).

**DISTRICT:** Walla Walla District, Walla Walla, WA

Date: 5 April 2007

**FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 1135**

**BUSINESS PROGRAM:** Environment/CAP

**PROJECT/STUDY NAME:** Smithville Aquatic Plantings

**AUTHORIZATION:** Section 1135, Water Resources Development Act of 1986.

**LOCATION:** The project is located at Smithville Lake in Clay County, Missouri on the Little Platte River at the town of Smithville, Missouri, 20 miles north of Kansas City, Missouri.

**DESCRIPTION:** The proposed project will improve and restore approximately 3,000 feet of lake shoreline, and up to 75 coves including the stabilization of 5 points bars, providing bank stabilization, food and shelter for fish and aquatic life, sediment reduction, pollutant/nutrient absorption and a general improvement in water quality.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007 (\$000)	
	<b><u>Feasibility</u></b>	<b><u>Construction</u></b>
Estimated Federal Cost	\$110	\$795
Estimated Non-Federal Cost	0	255
Cash	0	0
Other	0	0
Total Estimated Cost	\$110	1050
Allocation thru 2004	\$89	0
Allocation for FY 2005	4	0
Allocation for FY 2006	17	550
Allocation for FY 2007	\$0	245
Balance to Complete after FY 2007	0	\$0
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA	NA

**FY 2007 ACTIVITIES:** Complete design of plans and specifications, solicitation of the construction contract, and award the construction contract. All funds required for obligation of the construction contract are allocated.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008 for physical completion of construction.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Bond (MO), Senator McCaskil (MO) MO-6

**DISTRICT:** Kansas City

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
CONTINUING AUTHORITIES PROGRAMS, SECTION 1135

BUSINESS PROGRAM: Environmental/CAP

PROJECT NAME: Union Slough, WA

AUTHORIZATION: Section 1135 of Water Resource Development Act of 1986 (WRDA 1986), as amended (PL 99-662)

LOCATION: The project is located within the City of Everett. The site is 100 acres on Smith Island in the Snohomish River delta, formerly under tidal inundation.

DESCRIPTION: The Corps is cost sharing restoration of about 50% of the site, and the City of Everett is fully funding the other 50% of the site. The entire island is currently protected by levees. The project includes a new setback levee between the 100-acre site and the rest of the island and pedestrian bridges. Breaches will open the site to tidal inundation. Bridges will maintain a pedestrian trail that is in place on the old levee and is a requirement of the permits for an adjacent sewage treatment facility.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design &amp; Implementation</u>
Estimated Federal Cost:	\$ 365	\$3,013
Estimated Non-Federal Cost:	0	1,126
Cash	0	936
Other	0	190
Total Estimated Cost:	365	4,139
Allocation Thru FY 2004:	365	871
Allocation for FY 2005:	0	280
Allocation for FY 2006:		439
Allocation for FY 2007:	0	1,423
Balance to Complete After FY 2007:	0	0
Benefit to Cost Ratio Applicable Rate (___%)	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A	N/A

FY 2007 ACTIVITIES: Award and fully fund completion of set back levees, breaching of the old levee and pedestrian bridge construction. The site will provide about 100 acres of estuarine habitat for migrating juvenile salmon.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: None

ADMINISTRATION POSITION: This work is consistent with Administration policy.

CONGRESSIONAL INTEREST: Representative Rick Larsen (WA-2); Senators Patty Murray (D-WA) and Maria Cantwell (D-WA)

DISTRICT: Seattle

# OPERATION AND MAINTENANCE

FACT SHEET  
Operations & Maintenance

**BUSINESS PROGRAM:** Environmental Stewardship

**PROJECT/STUDY NAME:** Cheyenne River Sioux Tribe, Lower Brule Sioux Tribe, and State of South Dakota Terrestrial Wildlife Habitat Restoration – (Title VI)

**AUTHORIZATION:** P.L. 106-53, Water Resources Development Act of 1999 and Public Law 106-541, Water Resources Development Act of 2000.

**LOCATION:** The project includes Corps of Engineers lands above the top of the exclusive flood pools at Oahe, Big Bend, Fort Randall and Gavins Point dam/reservoir projects in South Dakota.

**DESCRIPTION:** The project provides for (1) transfer in fee title of Corps of Engineers lands (outside the boundaries of Indian reservations) above the top of the exclusive flood pools at Oahe, Big Bend, Fort Randall and Gavins Point dam/reservoir projects to the South Dakota Department of Game, Fish and Parks (SDGFP); (2) transfer in fee title of Corps lands within the exterior boundaries of the Cheyenne River Sioux Tribe (CRST) Indian Reservation and the Lower Brule Sioux Tribe (LBST) Indian Reservation that are above the top of the exclusive flood pools at the Oahe and Big Bend Projects to the Department of Interior to be managed in trust for the two respective Tribes; (3) transfer of all Corps recreation areas in South Dakota to SDGFP, CRST or LBST; and (4) establishment of a \$165.4 million trust fund in the Federal treasury (\$108 million for the State and \$57.4 million for the Tribes).

**SUMMARIZED FINANCIAL DATA:**

	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$110,000
Estimated Non-Federal Cost:	0
Cash	0
Other	0
Total Estimated Project Cost	\$110,000
Allocation thru FY 2004	9,409
Allocation for FY 2005	2,371
Allocation for FY 2006	1,980
Allocation for FY 2007	1,980
Balance to Complete After FY 2007	94,260

**FY 2007 ACTIVITIES:** Funding will be provided to the State and Tribes for approved restoration and stewardship plans.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2020

**OTHER INFORMATION:** Technical amendments in WRDA 2000 to the original legislation required cultural resources site stabilization and stewardship contracts with the State and Tribes be funded by O&M funds. On February 8, 2002 the recreation areas in South Dakota were transferred to the South Dakota Game, Fish and Parks. Perpetuity leases for the eight recreation areas near the dams were completed in May 2002. Lands within the reservation were transferred to the Department of Interior in June 2002.

**ADMINISTRATION POSITION:** This work is consistent with Administration Policy, but is a low budget priority.

**CONGRESSIONAL INTEREST:** Rep. Herseth, (SD-AL), Senators Thune (SD) and Johnson (SD)

# HYDROPOWER



# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Hydropower

PROJECT/STUDY NAME: Columbia River Treaty Fishing Access Sites, OR and WA

AUTHORIZATION: Public Law 100-581, Title IV, Columbia River Treaty Fishing Access Sites, as amended.

LOCATION: In Oregon and Washington along the Columbia River on Bonneville, John Day, and The Dalles pools.

DESCRIPTON: Develop/improve thirty-two Native American treaty fishing access sites to include access roads, boat ramps and docks, sanitation and support facilities. Redevelop Celilo Village including water, sewer, roads and infrastructure, and provide safe and sanitary housing for legal residents.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$93,144
Estimated Non-Federal Cost	N/A
Total Estimated Cost	\$93,144
Allocation thru FY 2004	\$56,952 <u>1/</u>
Allocation for FY 2005	4,042
Allocation for FY 2006	3,928 <u>2/</u>
Allocation for FY 2007	13,950
Balance to Complete after FY 2007	14,272
Benefit to Cost Ratio Applicable Rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

1/ Includes \$7,617 transferred to Dept. of Interior for O&M of completed sites

2/ Includes \$388 transferred to Dept. of Interior for O&M of completed sites

FY 2007 ACTIVITIES: Complete construction of water, sewer and temporary housing, acquisition of real property interests, and relocation of Celilo Village residents into temporary housing. Award a contract for construction of sewer and water service lines, electrical and utility service lines, roadways and parking, and permanent housing.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010

OTHER INFORMATION: FY 2007 allocation is sufficient to continue FY 2008 construction effort for Celilo Village.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representative Greg Walden (OR-2); Senators Ron Wyden (OR), Gordon Smith (OR), and Patty Murray (WA)

DISTRICT: Portland District

Date: 4 April 2007

# WATER SUPPLY

# INVESTIGATIONS

FACT SHEET  
Investigations  
**Enacted Studies and Projects**

**BUSINESS PROGRAM:** Water Supply

**PROJECT/STUDY NAME:** Chatfield, Cherry Creek and Bear Creek Reservoirs, CO

**AUTHORIZATION:** Section 216, 1970 Flood Control Act, Section 808, WRDA 1986

**LOCATION:** The study area originally included the three Corps of Engineers projects (Tri-Lakes) located in the Denver metropolitan area. It has been reduced to only the Chatfield Reservoir. The study area also includes the South Platte and Platte Rivers downstream from the Corps projects.

**DESCRIPTION:** The primary purpose is to study the potential for shifting or reallocating a portion of the storage from flood control to joint flood control-conservation purposes, including water supply. The sponsor has shown strong interest in adding ecosystem restoration as a purpose.

<b><u>SUMMARIZED FINANCIAL DATA</u></b>	<b>FY 2007 (\$000)</b>
	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$2,199
Estimated Non-Federal Cost	2,199
Cash	1,474
Other	725
Total Estimated Cost	\$4,398
Allocation thru FY 2004	\$1,145
Allocation for FY 2005	285
Allocation for FY 2006	142
Allocation for FY 2007	354
Balance to Complete after FY 2007	273
Benefit to Cost Ratio Applicable Rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

**FY 2007 ACTIVITIES:** Examine the potential to use reallocated storage to assure a water source for numerous unmet demands in the Denver area, prepare the Preliminary Draft Feasibility Report/EIS, and conduct an Independent Technical Review (ITR).

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008.

**OTHER INFORMATION:** N/A.

**ADMINISTRATION POLICY:** This work is consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Reps DeGette (CO-1), Udall (CO-2), Musgrave (CO-4), Lamborn (CO-5), Tancredo (CO-6) and Perlmutter (CO-7). Senator Salazar (CO).

**DISTRICT:** Omaha

**Date:** 3 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure

PROJECT/STUDY NAME: Rural Idaho, ID.

AUTHORIZATION: Section 595 of WRDA 1999, PL 106-53, as modified by Sec 126 of the FY 2003 Omnibus Appropriation Act.

LOCATION: Various communities within Idaho.

DESCRIPTION: Assist rural communities with design and construction of environmental infrastructure projects.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 25,000
Estimated Non-Federal Cost	\$ 6,250
Cash	\$ 6,250
Other	\$ 0
Total Estimated Cost	\$ 31,250
Allocation thru 2004	\$ 1,784
Allocation for FY 2005	\$ 2,986
Allocation for FY 2006	\$ 4,950
Allocation for FY 2007	\$ 3,200
Balance to Complete after FY 2007	\$ 12,608
Benefit to Cost Ratio Applicable rate (%)	NA
Benefit to Cost Ratio at %	NA
Remaining Benefits Remaining Costs Ratio at %	NA

FY 2007 ACTIVITIES: Orderly suspension of work. This includes program coordination activities and monitoring projects that continued from FY 2006.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010

OTHER INFORMATION: The City of Donnelly is at risk of losing a state grant for matching funding due to constrained FY 2007 Federal funding. Funding is required beyond FY 2007 to complete original intent with the communities of Donnelly, Smeltonville and the Shelley Regional system. Within available funds, the Corps coordinates with Idaho state agencies, USDA-Rural Development, and Boise State Environmental Finance Center as requested to develop project funding strategies.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Rep Sali (ID-1) and Simpson (ID-2); Sen Crapo and Craig (ID).

DISTRICT: Walla Walla District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION

**BUSINESS PROGRAM:** Environmental Infrastructure

**PROJECT/STUDY NAME:** Rural Montana, MT

**AUTHORIZATION:** Section 595 of WRDA 1999, PL 106-53

**LOCATION:** Communities within the state of Montana

**DESCRIPTION:** Provide design and construction assistance to non-Federal communities for implementing water-related environmental infrastructure projects in rural Montana.

<b><u>SUMMARIZED FINANCIAL DATA:</u></b>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$25,000
Estimated Non-Federal Cost:	8,333
Cash	8,333
Other	0
Total Estimated Project Cost	\$33,333
Allocation thru FY 2004	2,742
Allocation for FY 2005	1,893
Allocation for FY 2006	4,948
Allocation for FY 2007	100
Balance to Complete After FY 2007	15,317
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Orderly suspension of work. This includes program coordination activities and monitoring projects that continued from FY 2006.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2010

**OTHER INFORMATION:** Work accomplished under this Program is implemented by Omaha and Seattle Districts within Northwestern Division. The Districts continue to coordinate to insure seamless program integration.

**ADMINISTRATION POLICY:** Inconsistent with Administration policy.

**CONGRESSIONAL INTEREST:** Senator Max Baucus (MT), Senator Jon Tester (MT); Representative Dennis Rehberg (MT-AL).

**DISTRICT:** Omaha District

Date: 5 April 2007



PACIFIC OCEAN DIVISION  
ENACTED FACT SHEETS, FY 2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME AND STATE: Barrow Storm Damage Reduction, Alaska

AUTHORIZATION: Resolution of the House Committee on Public Works, 2 Dec 70; review reports on Rivers and Harbors in Alaska.

LOCATION: Barrow, the northern most community in North America and the economic center for the North Slope Borough, is located on the Arctic Ocean about 750 miles north of Anchorage, Alaska. Barrow is a first-class city with about 4,400 residents. The majority of residents are Inupiat Eskimos.

DESCRIPTION: Changing coastal and climatic conditions have caused Barrow to experience increased frequency and severity of coastal storms. These storms produce hazardous conditions due to flooding and erosion. They pose a threat to public and private infrastructure, particularly the delivery of basic utility services to residents.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$ 3,834
Estimated Non-Federal Cost	3,834
Cash	2,227
Other	1,607
Total Estimated Cost	\$ 7,668
Allocation thru FY 2004	\$ 1,506
Allocation for FY 2005	605
Allocation for FY 2006	792
Conference Amount for FY 2007	N/A
Allocation for FY 2007	200
Balance to Complete after FY 2007	\$ 731
Benefit to Cost Ratio Applicable rate	N/A
Benefits to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY2007 funds will be used to complete Phase II of the feasibility study, detailed analysis of alternatives.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: Completion of the Feasibility Study in FY 2009.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The work is consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK);  
Congressman Don Young (AK)

DISTRICT: Alaska

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Kenai River Bluff Erosion

AUTHORIZATION: "Rivers and Harbors in Alaska" study resolution, adopted by the U.S. House of Representatives, Committee on Public Works, on December 2, 1970; P.L. 93-251, Section 55; Energy and Water Development Appropriations Act, 2002, Senate Committee Report, page 27. "*Kenai River Bluff Erosion, AK.* -The Committee has provided \$500,000 for a special technical evaluation study of bank stabilization needs along the Lower Kenai River."

LOCATION: The Kenai River Bluff Erosion project is located in the city of Kenai, Alaska which is located 50 miles south of Anchorage, AK.

DESCRIPTION: Erosion caused by direct wave action of Cook Inlet coincident with the high spring tides, upland runoff, direct rainfall, and river scour of the bluff along the lower reach of the Kenai River threatens public, commercial, private, and historic structures along the banks on the river. The technical study is gathering information and developing a design to stabilize the bluff for roughly one mile along the north bank of the river.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Technical Study</u>
Estimated Federal Cost	\$ 2,294
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 2,294
Allocation thru 2004	\$ 502
Allocation for FY 2005	\$ 397
Allocation for FY 2006	\$ 495
Conference Amount for FY 2007	N/A
Allocation for FY 2007	\$ 400
Balance to Complete after FY 2007	\$ 500
Benefit to Cost Ratio Applicable rate ( <u>N/A</u> %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Perform field investigations and develop bluff stabilization designs.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Technical study is projected to be complete in FY08

OTHER INFORMATION: The authority, P.L. 93-251, Section 55 allows for technical study at full federal expense.

ADMINISTRATION POSITION: The work is consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK).  
Congressman Don Young (AK-1)

DISTRICT: Alaska District

Date: 5 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME AND STATE: McGrath Bank Stabilization, Alaska

AUTHORIZATION: Resolution of the House Committee on Public Works, 2 Dec 70; review reports on Rivers and Harbors in Alaska. In addition, Section 117 of Division C, P.L. 108-447 (EWDA FY05) authorizes the feasibility phase to be conducted at full Federal funding.

LOCATION: McGrath is located in the interior of Alaska and is surrounded on three sides by the Kuskokwim River. The town's location is 200 miles upstream from the river mouth on the Bering Sea, 221 miles northwest of Anchorage, and 269 miles southwest of Fairbanks. McGrath serves as the hub for transportation, government, and commercial services for the southern Interior region of Alaska.

DESCRIPTION: Bank erosion at McGrath is occurring at a historic rate of about 5 to 10 feet per year, threatening public facilities and residences along its eroding banks. Within a 50-year period erosion would cause the loss of public structures including the city offices, fuel and water storage tanks, and a main road, and over 70 private structures. Bank erosion protection measures along this reach of the river could significantly reduce the risk of damage to residences, businesses, and public facilities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,150
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$1,150
Allocation thru FY 2004	\$ 82
Allocation for FY 2005	89
Allocation for FY 2006	228
Conference Amount for FY 2007	N/A
Allocation for FY 2007	200
Balance to Complete after FY 2007	\$ 551
Benefit to Cost Ratio Applicable rate	N/A
Benefits to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds will be used to continue the feasibility study.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: Completion of the feasibility study in FY 2010.

OTHER INFORMATION: 100% Federal funding of the feasibility study under Section 117, Division c, P.L. 108-447 was approved by the ASA(CW) in a memo dated May 22, 2006.

ADMINISTRATION POSITION: The work is not consistent with Administration policy. Streambank erosion protection is not an authorized Corps of Engineers output.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK):  
Congressman Don Young (AK)

DISTRICT: Alaska

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Wailupe Stream Flood Damage Reduction, Oahu, HI

AUTHORIZATION: Energy and Water Development Appropriations Act for Fiscal Year 2002, Public Law 107-66.

LOCATION: Wailupe Stream is located approximately 8 miles southeast of Honolulu in eastern Oahu.

DESCRIPTION: The 100-year flood plain encompasses nearly 850 structures within the Aina Haina residential community. Wailupe Stream flows beneath Kalaniana'ole Highway, which is the major transportation link between East Oahu and the city of Honolulu and is subject to severe traffic disruption during flood events.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$2,892
Estimated Non-Federal Cost	964
Cash	964
Other	0
Total Estimated Cost	3,856
Allocation thru 2004	299
Allocation for FY 2005	238
Allocation for FY 2006	396
Conference Amount for FY 2007	N/A
Allocation for FY 2007	480
Balance to Complete after FY 2007	\$ 1,401
Benefit to Cost Ratio Applicable rate 7%	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Activities scheduled for FY 2007 include: real estate appraisals, ITR and VE study, completion of alternate formulation brief (AFB) documents and AFB meeting, contract award to USFWS to conduct 2(b) report (May 07) and award detail topographic survey of stream channel (Aug 07).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The decision document of the PED phase will be completed in FY08.

OTHER INFORMATION: The project was not economically justified during a previous feasibility study and policy guidance did not allow budgeting beyond FY 2004 unless the GRR shows that the project is economically justified and consistent with policy. Federal funds received to date are insufficient to complete the GRR to demonstrate economic justification. The local sponsors have signed a Design Agreement and have provided 100% of the non-federal share to complete the PED phase.

ADMINISTRATION POSITION: The work is consistent with Administration policies.

CONGRESSIONAL INTEREST: Senators Daniel Inouye (HI) and Daniel Akaka (HI).

DISTRICT: Honolulu

Date: 5 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Alaska Coastal Erosion, Alaska

AUTHORIZATION: Section 117 of Public Law 108-447

LOCATION: Kivalina, Newtok, Shishmaref, Koyukuk, Barrow, Kaktovik, Point Hope, Unalakleet, and Bethel, Alaska are authorized.

DESCRIPTION: Study the effects of erosion, gather field data, define appropriate solutions, and develop construction documents and agreements for construction.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Construction</u>	
Estimated Federal Cost	\$ 84,000	1/
Estimated Non-Federal Cost	0	
Cash	0	
Other	0	
Total Estimated Cost	\$ 84,000	1/
Allocation thru 2004	0	
Allocation for FY 2005	0	
Allocation for FY 2006	2,376	
Allocation for FY 2007	6,000	
Balance to Complete after FY 2007	75,624	1/
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Costs Ratio at 7%	N/A	

1/ Based on estimated cost to complete studies, and present estimated cost of solutions for four of nine communities.

FY 2007 ACTIVITIES: FY2007 activities include the solicitation and award of a construction contract for approximately 600 feet of revetment at Shishmaref Village (Phase I) and completion of design activities for Unalakleet and Kivalina Villages.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete design activities for Unalakleet and Kivalina Villages in FY07. Complete construction of 600 feet of revetment at Shishmaref Village (Phase 1) in FY08.

OTHER INFORMATION: Section 117 of Public Law 108-447 allows the Secretary of the Army to carry out the directed work at full Federal expense.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Stevens (AK) and Murkowski (AK). Congressman Young (AK-1).

DISTRICT: Alaska

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Tribal Partnership Studies

AUTHORIZATION: Section 203, WRDA 2000 (P.L. 106-541), Section 117 of P.L. 108-447

LOCATION: Various Locations, Alaska

DESCRIPTION: General studies on coastal wave climate, villages impacted by erosion, and cultural resources at risk to coastal storm damage, and Feasibility studies approved for execution at four villages (Kivalina, Shishmaref, Unalakleet and Newtok) under Section 117 cost-sharing.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	\$14,000
Estimated Non-Federal Cost	0
Cash	
Other	
Total Estimated Cost	\$14,000
Allocations thru FY 2004	1,400
Allocation for FY 2005	2,000
Allocation for FY 2006	350
Allocation for FY 2007	1,820
Balance to Complete after FY 2007	8,430
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY2007 activities include continuation of coastal wave climate study, feasibility type studies at Newtok, and continuation or activities on the Alaska Village Erosion Baseline study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Earliest completion of studies is estimated at FY 2012. Subject to the availability of future funding.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Senator Stevens (AK); Senator Murkowski (AK);  
Congressman Young (AK-1)

DISTRICT: Alaska

Date: 5 April 2007

# CONTINUING AUTHORITIES PROGRAM



FACT SHEET  
CONSTRUCTION/CONTINUING AUTHORITIES PROGRAM, SEC 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Keopu-Hienaloli Stream, Hawaii, HI

AUTHORIZATION: Section 205 of the Flood Control Act of 1948 (PL 80-858) as amended

LOCATION: The Keopu and Hienaloli watersheds are situated in the North Kona District on the west slopes of the Hualalai and Mauna Loa Mountains on the Island of Hawaii. Kailua, the principal urban center in North Kona, is located at the lower elevations of these watersheds.

DESCRIPTION: Flooding within the watershed basins is attributed to inadequately defined channels, accumulation of debris and vegetation, steep slopes, and inadequate channel and culvert capacities. Alternatives being evaluated in the feasibility study include combinations of improving existing channels and drainage ditches, constructing a levee/floodwall, and constructing a detention basin and debris barriers.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Feasibility Study</u>
Estimated Federal Cost	\$859
Estimated Non-Federal Cost	759
Cash	709
Other	50
Total Estimated Cost	1,618
Allocation thru 2004	612
Allocation for FY 2005	100
Allocation for FY 2006	45
Conference Amount for FY 2007	0
Allocation for FY 2007	102
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Continue the preparation of the feasibility report and environmental assessment documentation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility phase is scheduled to be completed in FY08.

OTHER INFORMATION: The County of Hawaii Department of Public Works is the local sponsor and is currently financially committed to implementing the project.

ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Representative Mazie Hirono (HI-2)

DISTRICT: Honolulu

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION/CONTINUING AUTHORITIES PROGRAM, SEC 103  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Leloaloea Shore Protection, Tutuila Island, American Samoa

AUTHORIZATION: Section 103 Rivers and Harbors and Flood Control Act of 1962 (Public Law 87-874)

LOCATION: Leloaloea is located along the north shoreline of Pago Pago Harbor between the tuna canneries and the village of Lepua.

DESCRIPTION: Storm waves associated with tropical storms and cyclones have eroded much of the Leloaloea shoreline. Approximately 2,300 feet of unprotected shoreline has experienced considerable erosion, reducing the seaward shoulder of the road to a width of 1 to 5 feet. The recommended plan is a 2,300 foot long rock revetment along this unprotected shoreline.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Feasibility</u>	<u>Design &amp; Impl</u>
Estimated Federal Cost	\$500	\$1,663
Estimated Non-Federal Cost	0	587
Cash	0	587
Other	0	0
Total Estimated Cost	\$500	2,250
Allocation thru 2004	272	0
Allocation for FY 2005	0	0
Allocation for FY 2006	178	0
Conference Amount for FY 2007	0	0
Allocation for FY 2007	50	1,663
Balance to Complete after FY 2007	0	0
Benefit to Cost Ratio Applicable rate (____%)	NA	NA
Benefit to Cost Ratio at 7%	NA	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA	NA

FY 2007 ACTIVITIES: Complete feasibility report and execute PCA for the design and implementation phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: August 2007.

OTHER INFORMATION: American Samoa Government is pursuing funding sources for their cost share amount.

ADMINISTRATION POSITION: The project is consistent with Administration policy.

CONGRESSIONAL INTEREST: Eni F.H. Faleomavaega, American Samoa Delegate

DISTRICT: Honolulu

FACT SHEET  
 CONSTRUCTION /CONTINUING AUTHORITIES PROGRAM, SEC 205  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Palai Stream, Hawaii, HI

AUTHORIZATION: Section 205 of the Flood Control Act of 1948 (PL 80-858) as amended

LOCATION: Palai Stream is located in Hilo, the largest community and the County seat on the northeast side of the island of Hawaii.

DESCRIPTION: Over the years flooding from the Palai Stream has caused significant damage to roads, residences, bridges, drainage systems, and personal property. The November 2000 flood caused approximately \$20,000,000 worth of damages on the island of Hawaii. The preliminary plan of improvement includes the excavation and construction of an unlined channel, concrete box culvert and a transition zone from the unlined channel to the box culvert.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Feasibility Study</u>
Estimated Federal Cost	\$652
Estimated Non-Federal Cost	552
Cash	469
Other	83
Total Estimated Cost	1,204
Allocation thru 2004	422
Allocation for FY 2005	100
Allocation for FY 2006	99
Conference Amount for FY 2007	0
Allocation for FY 2007	31
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Complete cultural impact assessment and environmental documentation, and conduct Alternative Formulation Briefing.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study will be completed in FY08.

OTHER INFORMATION: The sponsor, the County of Hawaii, has provided its total share of the funds for the project and fully supports the completion of the feasibility phase of the project. In recognition of the potential hazards, implementation of flood damage reduction measures is a high priority for the sponsor.

ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Senator Daniel Akaka\_(HI) and Representative Mazie Hirono (HI-2).

DISTRICT: Honolulu

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION /CONTINUING AUTHORIITIES PROGRAM, SEC 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Waiakea Stream, Hawaii, HI

AUTHORIZATION: Section 205 of the Flood Control Act of 1948 (PL 80-858) as amended

LOCATION: Waiakea Stream is located in Hilo, the largest community and the County seat on the northeast side of the island of Hawaii.

DESCRIPTION: There has been private and public property damage over the years due to the intense storms that produce rapid runoff from the steep valleys. The rapid runoff has damaged roads, residences, bridges, drainage systems, and personal property. Alternatives being evaluated include combinations of improving existing channels and drainage ditches, constructing a levee/floodwall, and constructing a detention basin and debris barriers.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Feasibility Study</u>
Estimated Federal Cost	\$681
Estimated Non-Federal Cost	581
Cash	566
Other	15
Total Estimated Cost	1,262
Allocation thru 2004	130
Allocation for FY 2005	20
Allocation for FY 2006	198
Conference Amount for FY 2007	0
Allocation for FY 2007	333
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Award environmental assessment contract, complete alternative formulation, designs and economic evaluation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study will be completed in FY 08.

OTHER INFORMATION: The sponsor, the County of Hawaii, has provided its total share of the funds for the project and fully supports the completion of the feasibility phase of the project. In recognition of the potential hazards, implementation of flood damage reduction measures is a high priority for the sponsor.

ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Senator Daniel Akaka (HI) and Representative Mazie Hirono (HI-2).

DISTRICT: Honolulu District

Date: 5 April 2007

# COMMERCIAL NAVIGATION



# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Alaska Regional Ports, Alaska

AUTHORIZATION: "Rivers and Harbors in Alaska" study resolution, adopted by the U.S. House of Representatives, Committee on Public Works, on December 2, 1970.

LOCATION: Regional Study throughout the state of Alaska

DESCRIPTION: The Alaska Regional Ports Study is a statewide study of long-term planning needs in coastal small boat harbor/navigation planning in Alaska. Lack of moorage space in harbors located near the fisheries currently results in additional operating expenses for travel to distant harbors. Assessments of commercial and recreational needs indicate there are locations throughout the state which require light draft navigation improvements, such as Naknek, which is home to canneries supporting the Bristol Bay fisheries, and Cordova and Petersburg where overcrowding continues to be a significant problem. The Aleutians East Borough has requested a feasibility study for transportation development for their oil and gas resources. Recent conferences on global warming and recent accidents by ocean going vessels in the Aleutian Islands have highlighted the need to evaluate life, safety, environmental protection and the evolving fisheries and mining industries on a statewide scale.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY2007 (\$000) Study</u>
Estimated Federal Cost	\$ 5,000
Estimated Non-Federal Cost	5,000
Cash	4,000
Other	1,000
Total Estimated Cost	\$ 10,000
Allocation thru FY 2004	\$ 249
Allocation for FY 2005	209
Allocation for FY 2006	75
Conference Amount for FY 2007	N/A
Allocation for FY 2007	200
Balance to Complete after FY 2007	\$ 4,267
Benefit to Cost Ratio Applicable rate	N/A
Benefits to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Activities scheduled for FY2007 include execution of a Feasibility Cost Sharing Agreement, work initiation on the feasibility report and continuation of regional economic needs and benefits assessments.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Economic studies are projected to carry into 2009. The feasibility study is estimated to be completed in FY2011.

OTHER INFORMATION: As the economic data is analyzed, recommendations will be made for additional feasibility studies regarding location specific light draft navigation needs..

ADMINISTRATION POSITION: The Administration supports commercial navigation projects.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK).  
Congressman Don Young (AK-1).

DISTRCT: Alaska

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME AND STATE: Anchorage Harbor Deepening, Alaska

AUTHORIZATION: Consolidated Appropriations Act, 2005, P.L. 108-447, Division C – Energy and Water Development Appropriations, Section 118(a) and 118(d)

LOCATION: Anchorage Harbor is located at the northern end of Cook Inlet in south-central Alaska. It serves as Alaska's regional and DOD strategic port and provides services to approximately 90% of the total population of Alaska, including two military bases.

DESCRIPTION: The Corps of Engineers has been dredging the Port of Anchorage annually to its authorized depth of –35 feet MLLW since the 1960's. The Port of Anchorage is planning to expand the harbor by moving the dock 400 feet seaward, and lengthening the dock by 5,000 feet. Significant delays have occurred when vessels are unable to dock at the port because of limited available water depths. These vessels now dock and offload their cargo during high tide.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 4,600
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 4,600
Allocation thru FY 2004	\$ 252
Allocation for FY 2005	149
Allocation for FY 2006	495
Conference Amount for FY 2007	N/A
Allocation for FY 2007	3,650
Balance to Complete after FY 2007	\$ 54
Benefit to Cost Ratio Applicable rate	N/A
Benefits to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Activities for FY 2007 include continuation of the decision document phase, primarily physical modeling and numerical sedimentation modeling at Corps-Engineering Research Design Center (ERDC), and geotechnical investigations.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: Decision document completion is scheduled for FY 2009.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The administration supports justified commercial navigation projects.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK):  
Congressman Don Young (AK)

DISTRICT: Alaska

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Little Diomed Navigation Project, Diomed, Alaska

AUTHORIZATION: Resolution of the House Committee on Public Works, 2 Dec 70;  
review reports on Rivers and Harbors in Alaska

LOCATION: Little Diomed Navigation Project is located at Diomed (aka Ingalik), Alaska. Diomed is located at the western edge of Little Diomed Island. Diomed is 2-1/2 miles from Big Diomed Island, which belongs to Russia; 0.6 miles from Russian waters and airspace, and 27 miles from the tip of the Seward Peninsula of Alaska.

DESCRIPTION: The purpose of the navigation project is to reduce damages to boats and barges from storms and rocks eroded from the island by storm waves and winter ice action. Diomed is a subsistence community that relies on water transportation to obtain most large goods, all fuels, and a large percentage of the required food for the village.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,220
Estimated Non-Federal Cost	1,220
Cash	600
Other	620
Total Estimated Cost	\$ 2,440
Allocation thru FY 2005	10
Allocation for FY 2006	198
Conference Amount for FY 2007	N/A
Allocation for FY 2007	250
Balance to Complete after FY 2007	\$ 762
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Scheduled activities for FY 2007 include geotechnical investigations, surveys, environmental baseline investigations, cultural and historical studies, preliminary economics data gathering and analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Earliest feasibility completion is FY 2010.

OTHER INFORMATION: Study is coordinated with a State Dept. of Transportation/FAA Airport study to share wind, wave, bathymetric, and survey data and coordinate environmental investigations to reduce costs to both studies.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK), Congressman Don Young, AK

DISTRICT: Alaska

Date: March 27, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Nawiliwili Deep Draft Harbor Modifications, Kauai, HI.

AUTHORIZATION: Section 209 Rivers and Harbors and Flood Control Act of 1962 (Public Law 87-874)

LOCATION: Nawiliwili Harbor is located on the southeast coast of the island of Kauai and is the island's principal commercial harbor.

DESCRIPTION: The harbor consists of a breakwater 2,045 feet in length, and an S-shaped entrance channel 40 feet deep with a minimum width of 600 feet and a length of 2,400 feet. The current navigation conditions of the harbor are unsatisfactory to meet the requirements of large 920-foot long cruise line ships to maneuver within a channel that was originally designed for 492-foot vessels.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$750
Estimated Non-Federal Cost	750
Cash	675
Other	75
Total Estimated Cost	1,500
Allocation thru 2004	7
Allocation for FY 2005	40
Allocation for FY 2006	99
Conference Amount for FY 2007	N/A
Allocation for FY 2007	79
Balance to Complete after FY 2007	525
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: FY07 Funds are being used to continue feasibility level investigations to refine project alternatives, conduct hydrographic survey, initiate resource agency coordination, prepare HTRW report and cost estimates, investigate alternative disposal methods, and conduct public and feasibility scoping meetings.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If federal funds are provided on an annual basis, the phase could be completed by FY2010.

OTHER INFORMATION: This project is a high priority feasibility study being performed in conjunction with the State of Hawaii Department of Transportation. Improvement of the entrance conditions is absolutely critical in achieving safe navigation conditions for large liners.

ADMINISTRATION POSITION: The project is consistent with Administration policies.



CONGRESSIONAL INTEREST: Senator Daniel Inouye (HI)

DISTRICT: Honolulu

Date: 5 April 2007

FACT SHEET  
Valdez Navigation Improvements  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Valdez Navigation Improvements, Alaska

AUTHORIZATION: Resolution of the House Committee on Public Works, 2 Dec 70;  
review reports on Rivers and Harbors in Alaska

LOCATION: Valdez is located at the extreme northeastern end of Valdez Arm in Port Valdez, approximately 115 miles east of Anchorage. The Valdez port area is located near the head of the bay, with the town site occupying the uplands along the north shore.

DESCRIPTION: The demand for moorage space in the harbor far exceeds the existing capacity of 510 vessels. Rafting during the commercial fishing season has been reported up to eight boats deep on a regular basis. The problem is highly seasonal, requiring a large need for transient space primarily during the summer months.

In January 1999, we completed a reconnaissance report that identified potential Federal interest in providing additional mooring spaces to relieve congestion at Valdez Harbor. The feasibility cost sharing agreement was executed in June 1999. In Fiscal Year 2002, we completed our evaluation of alternatives and tentative plan selection. However, in Fiscal Year 2003, the local sponsor requested a temporary pause in the study while they evaluated other local options. In January 2004, the local sponsor requested resumption of the feasibility studies.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,540
Estimated Non-Federal Cost	1,540
Cash	750
Other	790
Total Estimated Cost	\$ 3,080
Allocation thru 2004	\$ 644
Allocation for FY 2005	\$ 119
Allocation for FY 2006	\$ 300
Conference Amount for FY 2007	N/A
Allocation for FY 2007	\$ 300
Balance to Complete after FY 2007	\$ 177
Benefit to Cost Ratio Applicable rate ( <u>N/A</u> %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Complete the Feasibility report and initiate preconstruction engineering and design activities.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Study is scheduled to be completed in FY2007

OTHER INFORMATION: Draft report indicates an economically feasible project with Federal interest.

ADMINISTRATION POSITION: The Administration supports Navigation projects.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK).  
Congressman Don Young (AK-1)

DISTRICT: Alaska District

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME AND STATE: Whittier Navigation Improvements, Alaska

AUTHORIZATION: Resolution of the House Committee on Public Works, 2 Dec 70; review reports on Rivers and Harbors in Alaska.

LOCATION: Whittier is located at the head of Passage Canal in Prince William Sound, approximately 76 km southeast of Anchorage.

DESCRIPTION: Prior to completion of the Whittier Access Tunnel in 2000, access to Whittier was limited to air, water, or rail. Even then, overuse of the harbor by commercial and recreational vessels created crowding, inefficiency, inconvenience, and hazards. Those problems were exacerbated by the completion of the vehicle tunnel in 2000. On busy summer days multiple boats are rafted together on a single float or are forced to anchor offshore, creating a safety and crowding hazard, as well as significant delays in boat traffic.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$ 880
Estimated Non-Federal Cost	650
Cash	310
Other	340
Total Estimated Cost	\$1,530
Allocation thru FY 2004	\$159
Allocation for FY 2005	50
Allocation for FY 2006	21
Conference Amount for FY 2007	0
Allocation for FY 2007	200
Balance to Complete after FY 2007	\$ 450
Benefit to Cost Ratio Applicable rate	N/A
Benefits to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Feasibility study activities will be initiated.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: Completion of the feasibility study in FY 2009.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The work is consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK) and Lisa Murkowski (AK);  
Congressman Don Young (AK)

DISTRICT: Alaska

Date: 5 April 2007

**CONSTRUCTION**

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Chignik Harbor, AK

AUTHORIZATION: Water Resource Development Act of 1996

LOCATION: Chignik is located in southwest Alaska on the south shore of the Alaska Peninsula.

DESCRIPTION: The project consists of a 1,120-foot southern rubblemound breakwater and a 940-foot northern breakwater, with a 150-foot wide entrance channel through a gap in the breakwaters. The harbor will provide 9 acres of moorage.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Construction</u>
Estimated Federal Cost	\$ 13,580
Estimated Non-Federal Cost	1,500
Cash	1,500
Other	0
Total Estimated Cost	\$ 15,080
Allocation thru 2004	\$ 7,041
Allocation for 2005	2,527
Allocation for FY 2006	12
Allocation for FY 2007	3,000
Balance to Complete after FY 2007	1,000
Benefit to Cost Ratio Applicable rate (7 5/8 %)	2.35
Benefit to Cost Ratio at 7%	2.4
Remaining Benefits Remaining Costs Ratio at 7%	9.66

FY 2007 ACTIVITIES: FY2007 activities for Chignik Harbor include completion of plans and specifications for Phase 2 dredging of the entrance channel, turning basin and berthing areas and award of the Phase 2 construction contract, pending local sponsor acquisition of required real estate.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of plans and specifications in FY07. Construction award of project in FY07, pending local sponsor acquisition of required real estate. The project can be completed six months after award.

OTHER INFORMATION: Construction award is dependant on the Sponsor acquiring the real estate.

ADMINISTRATION POSITION The Administration supports justified commercial navigation projects.

CONGRESSIONAL INTEREST: Senator Ted Stevens, Senator Lisa Murkowski and Congressman Don Young all have interest in the subject project.

DISTRICT: Alaska District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: False Pass Harbor, AK

AUTHORIZATION: 2000 Water Resources Development Act, Public Law 106-541

LOCATION: False Pass is located on the eastern shore of Unimak Island approximately 650 miles southwest of Anchorage.

DESCRIPTION: The project consists of two rubblemound breakwaters, 388 meters and 180 meters in length, to create a 2.4 hectare mooring basin dredged to -5.8 meters and -3.7 meters MLLW and dredging an entrance channel to -6.1 meters MLLW. The harbor would provide mooring for approximately 56 gillnet vessels and 12 crab fishing vessels.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 16,867
Estimated Non-Federal Cost	5,800
Cash	1,800
Other	4,000
Total Estimated Cost	\$ 22,667
Allocation thru 2004	145
Allocation for 2005	\$ 792 1/
Allocation for FY 2006	8,930
Allocation for FY 2007	7,000
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( 7 5/8 %)	1.2
Benefit to Cost Ratio at 7%	1.2
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

1/ PED funds

FY 2007 ACTIVITIES: FY2007 activities include continuing construction of the project. FY2007 work plan allocation will be used to fully fund the continuing contract construction project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction is currently scheduled to be completed in Fiscal Year 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration has not completed reviewing the report.



CONGRESSIONAL INTEREST: Senator Ted Stevens, Senator Lisa Murkowski and Congressman Don Young all have interest in the subject project.

DISTRICT: Alaska District

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Kikiaola Light Draft Harbor, Kauai, HI.

AUTHORIZATION: Section 101 of the River and Harbor Act of 13 August 1968 (Public Law 90-483).

LOCATION: Kikiaola Light Draft Harbor is located along the southwest coast of the island of Kauai between the towns of Kekaha and Waimea.

DESCRIPTION: The proposed navigation improvements will eliminate breaking wave conditions within the entrance channel and allow for the safe passage of vessels entering the harbor.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$21,090
Estimated Non-Federal Cost	2,461
Cash	2,461
Other	0
Total Estimated Cost	23,551
Allocation thru 2004	722
Allocation for FY 2005	2,221
Allocation for FY 2006	2,401
Allocation for FY 2007	15,746
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (3.25%)	3.64
Benefit to Cost Ratio at 7%	2.6
Remaining Benefits Remaining Costs Ratio at 7%	1.2

FY 2007 ACTIVITIES: FY2007 activities include update of plans and specifications and award of a fully funded construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Earliest construction completion is FY09.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Senators Daniel Inouye (HI) and Daniel Akaka (HI) and Representative Hirono (HI-2)

DISTRICT: Honolulu

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME: Nome Harbor, Alaska

AUTHORIZATION: WRDA 99, Sec. 101(a)(1) as modified by PL 107-66, Energy and Water Development Appropriation for FY 2002

LOCATION: Nome Harbor is located on the southern coast of the Seward Peninsula in western Alaska. The city is approximately 863-km northwest of Anchorage and is the transportation and commerce center for Northwest Alaska.

DESCRIPTION: Nome is the transportation and commerce center for Northwest Alaska. The project consists of a new 1,070 meter-long entrance channel protected by a 910-meter long rubblemound breakwater, replacement of an existing causeway bridge, a 70-meter rubblemound breakwater extension on the existing causeway, sediment collection basins, and filling of the existing entrance channel. The harbor will provide protected moorage for the existing 170 vessels as well as a fleet of 40 barges and transshipment vessels providing cargo and fuel service to the region.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Construction</u>
Estimated Federal Cost:	\$ 48,111
Estimated Non-Federal Cost:	6,542
Cash	5,000
Other	1,542
Total Estimated Cost	\$54,653
Allocation thru FY 2004	\$19,473
Allocation for FY 2005	16,268
Allocation for FY 2006	10,870
Allocation for FY 2007	1,500
Benefit to Cost Ratio Applicable rate	1.6
Benefits to Cost Ratio at 7%	2.0
Remaining Benefits Remaining Costs Ratio at 7%	N/A 1/

1/ Project is complete.

FY 2007 ACTIVITIES: FY 2007 funds are being used to settle contract claims.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: This project is physically complete. There is an outstanding dredging claim for \$2,100,000 and a suit in the U.S. Court of Federal Claims for \$5,300,000.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The administration supports justified commercial navigation projects.

CONGRESSIONAL INTEREST: Stevens (AK); Murkowski (AK); Young (AK)

DISTRICT: Alaska

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME: Saint Paul Harbor, Alaska

AUTHORIZATION: Section 101(b)(3) of PL 104-303 (WRDA 1996), as modified by Section 303 of Public Law 106-53 (WRDA 1999) and Section 105 of PL 108-7, (EWDA 2003)

LOCATION: Saint Paul is located on a narrow peninsula on the southern tip of Saint Paul Island, the largest of five islands in the Pribilofs, in the eastern Bering Sea of Alaska. It lies 47 miles north of Saint George Island, 240 miles north of the Aleutian Islands, 300 miles west of the Alaska mainland, and 750 air miles west of Anchorage.

DESCRIPTION: The original harbor was constructed in 1990. The current harbor improvements project includes construction of three offshore reefs to protect the main breakwater, deepening of the entrance channel and maneuvering basin, construction of other inner harbor improvements and scour protection for the main breakwater, restoration of circulation in the salt lagoon, and construction of a small boat harbor. All work has been completed except the small boat harbor.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Construction</u>
Estimated Federal Cost:	\$ 54,621
Estimated Non-Federal Cost:	16,250
Cash	16,250
Other	0
Total Estimated Cost	\$70,871
Allocation thru FY 2004	\$36,279
Allocation for FY 2005	\$9,049
Allocation for FY 2006	\$4,293
Allocation for FY 2007	\$5,000
Benefit to Cost Ratio Applicable rate	2.5
Benefits to Cost Ratio at 7%	1.94
Remaining Benefits Remaining Costs Ratio at 7%	1.94

FY 2007 ACTIVITIES: FY 2007 funds will be used to fully fund the award the small boat harbor construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The completion of the small boat harbor is scheduled in FY09.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The administration supports justified commercial navigation projects.

CONGRESSIONAL INTEREST: Senator Stevens (AK); Senator Murkowski (AK); Congressman Young (AK)

DISTRICT: Alaska

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Sand Point Harbor, AK

AUTHORIZATION: 1999 Water Resources Development Act, Public Law 106-53

LOCATION: The City of Sand Point is located on the northwest portion of Popof Island, in the Shumagin Island group that lies south of the Alaska Peninsula. Sand Point is located 570 air miles from Anchorage

DESCRIPTION: The project consists of a mooring basin adjacent and south of the existing harbor. It incorporates the southern breakwater and causeway to the city dock by extending the existing breakwater to form the mooring basin. An additional breakwater south of the newly formed basin provides protection from incoming waves from the south to west-southwest. The entrance channel and inner harbor area are also being dredged.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Construction</u>
Estimated Federal Cost	\$ 11,389
Estimated Non-Federal Cost	4,340
Cash	1,500
Other	2,840
Total Estimated Cost	\$ 15,729
Allocations thru 2004	381
Allocation for 2005	2,553
Allocation for FY 2006	6,455
Allocation for FY 2007	2,000
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7 5/8 %)	2.0
Benefit to Cost Ratio at 7%	2.0
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: The construction will be completed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction will be completed in FY 2007.

OTHER INFORMATION: NONE

ADMINISTRATION POSITION The Administration supports justified commercial navigation projects.

CONGRESSIONAL INTEREST: Senator Ted Stevens, Senator Lisa Murkowski and Congressman Don Young all have interest in the subject project.

DISTRICT: Alaska District

Date: 5 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
Construction / Continuing Authorities Program Section 107  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Douglas Harbor Section 107, Alaska

AUTHORIZATION: Section 107, River and Harbor Act of 1960 (PL 86-645), as amended for commercial navigation in accordance with current policies and procedures governing projects of the same type which are specifically authorized by Congress.

LOCATION: Douglas Harbor is on the eastern side of Douglas Island, which lies in the middle of the Alexander Archipelago in southeast Alaska. The harbor is sited adjacent to the city of Douglas and is approximately 3 miles south of the city of Juneau.

DESCRIPTION: The feasibility report was completed in February 2003. A Project Cooperation Agreement was executed June 2004. The current design, as a result of the Value Engineering exercise, is to construct two rubble mounds (one about 110' long off Juneau Island and another about 135' long northwest of harbor channel) and a floating breakwater (about 230' long) off the northwestern rubble breakwater.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design/Implementation</u>
Estimated Federal Cost	\$ 4,000
Estimated Non-Federal Cost	800
Cash	800
Other	0
Total Estimated Cost	\$ 4,800
Allocation thru 2004	\$ 645
Allocation for FY 2005	\$ 67
Allocation for FY 2006	\$ 460
Conference Amount for FY 2007	N/A
Allocation for FY 2007	\$ 2,828
Balance to Complete after FY 2007	\$ 0
Benefit to Cost Ratio Applicable rate ( <u>5.875</u> %)	1.68
Benefit to Cost Ratio at 7%	1.11
Remaining Benefits Remaining Costs Ratio at 7%)	1.11

FY 2007 ACTIVITIES: Complete Plans and Specs, advertise, and award fully funded contract for construction of the breakwaters.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project construction is scheduled for completion in FY2009.

OTHER INFORMATION: None.



ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Senators Stevens (AK) and Murkowski (AK).  
Congressman Young (AK-1)

DISTRICT: Alaska District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION/CONTINUING AUTHORITIES PROGRAM, SEC 107  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Gustavus Section 107, Alaska

AUTHORIZATION: Section 107, River and Harbor Act of 1960 (PL 86-645), as amended for commercial navigation in accordance with current policies and procedures governing projects of the same type which are specifically authorized by Congress.

LOCATION: Gustavus lies on the north shore of Icy Passage at the mouth of the Salmon River, 48 air miles northwest of Juneau in the St. Elias Mountains. It is surrounded by Glacier Bay National Park and Preserve on three sides and the waters of Icy Passage on the south.

DESCRIPTION: The community has recently sent a letter requesting assistance under section 107 of the Continuing Authorities Program to build a small navigation project to replace or improve the existing small boat harbor and dock.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 600
Estimated Non-Federal Cost	500
Cash	300
Other	200
Total Estimated Cost	\$1,100
Allocation thru 2004	\$ 0
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$ 20
Conference Amount for FY 2007	N/A
Allocation for FY 2007	\$ 80
Balance to Complete after FY 2007	\$ 500
Benefit to Cost Ratio Applicable rate ( <u>N/A</u> %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Prepare feasibility study scope and negotiate feasibility cost sharing agreement with Sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Study could be completed in FY10 if a Feasibility Cost Sharing Agreement (FCSA) is executed in FY08

OTHER INFORMATION: Current funding can get us to the FCSA but execution of the agreement is not allowed under current guidance.

ADMINISTRATION POSITION: this project is consistent with Administration policy..

CONGRESSIONAL INTEREST: Senators Stevens (AK) and Murkowski (AK).  
Congressman Young (AK-1)

DISTRICT: Alaska District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION/CONTUNING AUTHORITIES PROGRAM, SEC 107  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Nanwalek Navigation Improvements

AUTHORIZATION: Section 107, River and Harbor Act of 1962, as amended

LOCATION: Nanwalek is located at the southern tip of the Kenai Peninsula, 10 miles southwest of Seldovia and east of Port Graham.

DESCRIPTION: The community has recently sent a letter requesting assistance under section 107 of the Continuing Authorities Program to build a small navigation project for their community.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility Study</u>
Estimated Federal Cost	\$ 600
Estimated Non-Federal Cost	500
Cash	300
Other	200
Total Estimated Cost	\$ 1,100
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	20
Conference Amount for FY 2007	0
Allocation for FY 2007	80
Balance to Complete after FY 2007	500
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Prepare Feasibility Study Scope and negotiate Feasibility Cost Sharing Agreement with Sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Study could be completed in FY10 if a Feasibility Cost Sharing Agreement (FCSA) is executed in FY08

OTHER INFORMATION: Current funding can get us to the FCSA but execution of the agreement is not allowed under current guidance.

ADMINISTRATION POSITION: The project is consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Stevens (AK) and Murkowski (AK).

DISTRICT: Alaska District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION/CONTINUING AUTHORITIES PROGRAM, SEC 107  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Port Graham Navigation Improvements

AUTHORIZATION: Section 107, River and Harbor Act of 1962, as amended

LOCATION: Port Graham is located at the southern tip of the Kenai Peninsula on the shore of Port Graham, 7.5 miles southwest of Seldovia and 28 air miles from Homer.

DESCRIPTION: The community has requested assistance in the development of a navigation project for their community.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility Study</u>
Estimated Federal Cost	\$ 600
Estimated Non-Federal Cost	500
Cash	300
Other	200
Total Estimated Cost	\$ 1,100
Allocation thru 2004	\$ 40
Allocation for FY 2005	3
Allocation for FY 2006	0
Conference Amount for FY 2007	NA
Allocation for FY 2007	57
Balance to Complete after FY 2007	500
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Prepare feasibility study scope and negotiate feasibility cost sharing agreement with Sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Study could be completed in FY10 if a Feasibility Cost Sharing Agreement (FCSA) is executed in FY08

OTHER INFORMATION: Current funding can get us to the FCSA but execution of the agreement is not allowed under current guidance.

ADMINISTRATION POSITION: This project is consistent with Administration policy.

CONGRESSIONAL INTEREST: Senator Stevens (AK) and Murkowski (AK).

DISTRICT: Alaska

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION/CONTINUING AUTHORITIES PROGRAM, SEC 107  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Seward Marine Industrial Center Navigation Improvement, Seward, AK

AUTHORIZATION: Section 107, Rivers and Harbors Act of 1960 (CAP)

LOCATION: Seward is located on the Kenai Peninsula approximately 125 miles south of Anchorage by road. The town is located at the northern end of Resurrection Bay off the Gulf of Alaska.

DESCRIPTION: The Seward Marine Industrial Center and surrounding uplands have not been fully developed due to lack of protected mooring. The existing basin and the main wharf facility are unusable most of the time due to prevalent long-period, southerly ocean swell. Potential alternatives would consider various configurations of rubble mound, steel, concrete sheet pile breakwater to provide wave altercations.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	\$ 1,045
Estimated Non-Federal Cost	855
Cash	1,000
Other	0
Total Estimated Cost	\$ 1,900
Allocation thru 2004	\$ 40
Allocation for 2005	\$ 5
Allocation for FY 2006	0
Conference Amount for FY 2007	N/A
Allocation for FY 2007	55
Balance to Complete after FY 2007	945
Benefit to Cost Ratio Applicable rate (7 5/8 %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Prepare project improvement plan, negotiate feasibility cost sharing agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Work on study will not continue until an FCSA is executed.

OTHER INFORMATION: Current funding can get us to the FCSA but execution of the agreement is not allowed under current guidance.

ADMINISTRATION POSITION The project is consistent with Administrative policy.

CONGRESSIONAL INTEREST Senators Stevens (AK) and Murkowski (AK).  
Congressman Young (AK-1).

DISTRICT: Alaska District

Date: 5 April 2007

OPERATION  
AND  
MAINTENANCE



FACT SHEET  
OPERATIONS & MAINTANENCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Rota Harbor, CNMI

AUTHORIZATION: Section 107 of the River and Harbor Act of 1960, as amended

LOCATION: Rota Harbor is located on the southwest coast of the island of Rota.

DESCRIPTION: The project is to repair 225 feet of riveted mole and dredge approximately 17,000 cubic yard of material from the entrance channel and turning basin.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$1,751
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	1,751
Allocation thru 2004	0
Allocation for FY 2005	0
Allocation for FY 2006	221
Conference Amount for FY 2007	N/A
Allocation for FY 2007	1,520
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete plans and specifications and award a fully funded construction contract in Aug 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The estimated construction completion is late FY08.

OTHER INFORMATION: In addition to dredging of the general navigation features, the berthing area will be dredged for the CNMI government at their cost estimated at \$102,000

ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Resident Representative Pete Tenorio.

DISTRICT: Honolulu

Date: 5 April 2007

# ENVIRONMENT

# ENVIRONMENT

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Matanuska River Watershed, Alaska

AUTHORIZATION: "Rivers and Harbors in Alaska" study resolution, adopted by the U.S. House of Representatives, Committee on Public Works, on December 2, 1970.

LOCATION: The Matanuska-Susitna Borough is located immediately northeast and adjacent to Anchorage, Alaska

DESCRIPTION: The Matanuska-Susitna Borough has experienced flooding, streambank erosion, and aquatic habitat degradation within their watershed. The proposed study will investigate water resource related problems in the Matanuska and Susitna watershed and develop a comprehensive water resources management plan to help the Borough, Federal and State agencies manage existing and future development and restoration within the study area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,817 1/
Estimated Non-Federal Cost	1,524
Cash	1,129
Other	395
Total Estimated Cost	\$ 3,341
Allocation thru 2004	\$ 155
Allocation for FY 2005	\$ 99
Allocation for FY 2006	\$ 60
Conference Amount for FY 2007	N/A
Allocation for FY 2007	\$ 200
Balance to Complete after FY 2007	\$ 1,343
Benefit to Cost Ratio Applicable rate ( <u>N/A</u> %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Scheduled activities include developing the scope of the feasibility study, and negotiating Feasibility Cost Sharing Agreement (FCSA) with local sponsor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The study is scheduled for completion in FY2012.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration supports environmental and flood damage reduction projects.

CONGRESSIONAL INTEREST: Senators Ted Stevens (AK), and Lisa Murkowski (AK).  
Congressman Young (AK-1)

DISTRICT: Alaska District

Date: 5 April 2007

CONTINUING  
AUTHORITIES  
PROGRAM

FACT SHEET  
CONSTRUCTION/CONTINUING AUTHORITIES PROGRAM, SEC 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Eklutna Section 206, Alaska

AUTHORIZATION: Aquatic Ecosystem Restoration, Water Resources Development Act of 1996 (PL 104-303), as amended.

LOCATION: Near the Village of Eklutna on the Eklutna river, within the Municipality of Anchorage, Alaska

DESCRIPTION: The Eklutna River is a degraded anadromous stream of glacial origin with a large dammed glacial lake (Eklutna Lake) near its headwater. Alternatives for the restoration of spawning and rearing habitat in the lower Eklutna River and gravel pond enhancement for rearing habitat in the Eklutna River delta are appropriate for immediate completion under this Corps Section 206 (Aquatic Restoration) of the Continuing Authorities Program.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 747
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 747
Allocation thru 2004	\$ 0
Allocation for FY 2005	50
Allocation for FY 2006	297
Conference Amount for FY 2007	N/A
Allocation for FY 2007	400
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate ( <u>N/A</u> %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Continue gathering data, Develop alternatives and prepare Ecosystem Restoration Report (ERR)

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of the ERR is anticipated to occur in FY2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: This project is consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Stevens (AK) and Murkowski (AK).  
Congressman Young (AK-1)



DISTRICT: Alaska District

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION/CONTINUING AUTHORITIES PROGRAM, SEC 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Kaunakakai Stream Environmental Restoration, Molokai, HI

AUTHORIZATION: Section 1135, WRDA 1986 (PL 99-662).

LOCATION: The Kaunakakai Stream is located on the south-central Molokai coastline.

DESCRIPTION: The Kaunakakai Stream Flood Control Project was authorized and completed in 1950 under Section 205 of the Flood Control Act of 1948. The project consists of an enlarged stream channel with rock-lined levees on the stream banks. The project will not have an effect on the flood control capacity of the stream. The Section 1135 environmental restoration project will restore habitat for the native endangered Hawaiian Stilt by creating 2.75 acres of shallow ponds and wetlands within the Kaunakakai Stream.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$433
Estimated Non-Federal Cost	253
Cash	242
Other	11
Total Estimated Cost	686
Allocation thru 2004	0
Allocation for FY 2005	0
Allocation for FY 2006	173
Conference Amount for FY 2007	0
Allocation for FY 2007	260
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Award a fully funded construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction to be completed in FY08.

OTHER INFORMATION: A Project Cooperation Agreement was executed between the County of Maui and the Corps in Dec 2004. The sponsor is financially committed and has secured funds to completing the construction of the project. The project could not be awarded in FY 2006 due to the limited Federal funds provided.

ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Representative Mazie Hirono (HI-2)

DISTRICT: Honolulu

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION /CONTINUING AUTHORITIES PROGRAM, SEC 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Mokuhinia/Mokuula Ecosystem Restoration Study, Maui, HI

AUTHORIZATION: Section 206, WRDA 1996 (PL 104-303).

LOCATION: The Mokuhinia/Mokuula Ecosystem Restoration Project is located in the town of Lahaina on the island of Maui.

DESCRIPTION: The project would restore previously existing natural ecosystem functions and processes of the wetland areas of Mokuhinia and Mokuula, and create an aquatic habitat for native and endangered species in the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Feasibility Study</u>
Estimated Federal Cost	\$896
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	896
Allocation thru 2004	0
Allocation for FY 2005	0
Allocation for FY 2006	218
Conference Amount for FY 2007	0
Allocation for FY 2007	213
Balance to Complete after FY 2007	465
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Continue with the preparation of environmental restoration report. Initiate preliminary hydraulic design and conduct archaeological investigation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The extent of future funding will determine whether the feasibility phase will be completed in FY08.

OTHER INFORMATION: The extent of local cost share will be determined at the time of construction. The local sponsor is the County of Maui, Department of Planning. The Mayor of Maui has indicated that this project is her highest priority. A local interest group, Friends of Mokuula, has been established to preserve the historical site of Mokuhinia/Mokuula.

ADMINISTRATION POSITION: The project is consistent with Administration policies.

CONGRESSIONAL INTEREST: Senator Daniel Inouye and Representative Mazie Hirono (HI-2).

DISTRICT: Honolulu

Date: 3 April 2007

# WATER SUPPLY

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

PROJECT/STUDY NAME: Kake Dam, Kake, AK

AUTHORIZATION: Energy and Water Development Appropriations Act of 2001, PL 106-377 and modified in EWDA of FY 2004

LOCATION: The City of Kake is located in southeast Alaska on the northwest shore of Kupreanof Island , approximately 95 air miles southwest of Juneau, Alaska

DESCRIPTION: The Kake Dam project is the replacement for a dam that collapsed in July 200. The project consists of a gravity concrete dam approximately 53 feet upstream from the previous dam, covering an area about 4,750 square feet, with a spillway height of 17.7 feet. It includes an intake structure, complete with fish screen and trash rack, and houses intake lines for the city and hatchery water supply.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 11,501
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	11,501
Allocation thru 2004	2,051
Allocation for 2005	5,400
Allocation for FY 2006	3,550
Allocation for FY 2007	500
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7 5/8 %)	1.00
Benefit to Cost Ratio at 7%	1.00
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete construction of the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction will be completed in FY 2007

OTHER INFORMATION: None

ADMINISTRATION POSITION The Administration does not support water supply projects.

CONGRESSIONAL INTEREST Senator Ted Stevens, Senator Lisa Murkowski and Congressman Don Young all have interest in the subject project.



DISTRICT: Alaska District

Date: 4 April 2007

SOUTH ATLANTIC DIVISION  
ENACTED FACT SHEETS, FY 2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION

# INVESTIGATIONS

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Bogue Banks Feasibility Study, North Carolina

AUTHORIZATION: Resolution adopted by the House Committee on Transportation and Infrastructure dated 23 July 1998.

LOCATION: Bogue Banks is a 24-mile long barrier island located in Carteret County on the central North Carolina coast located approximately 40 miles southeast of New Bern, North Carolina. From west to east the incorporated towns on the island are Emerald Isle, Indian Beach, Salter Path, Pine Knoll Shores, and Atlantic Beach.

DESCRIPTION: The study is evaluating the feasibility of pursuing the construction of a shore protection project of some magnitude along the 24-mile long barrier island.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	Study
Estimated Federal Cost	\$ 2,002
Estimated Non-Federal Cost	1,908
Cash	(1,708)
Other	(200)
Total Estimated Cost	\$ 3,910
Allocation Thru FY 2004	\$ 1,520
Allocation For FY 2005	158
Allocation For FY 2006	174
Conference Amount for FY 2007	100
Allocation For FY 2007	100
Balance to Complete after FY 2007	50
Benefit to Cost Ratio Applicable rate (NA%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (NA%)	NA

FY 2007 ACTIVITIES: Complete draft Feasibility Report and submit to HQ for pre-Alternative Formulation Briefing Review.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: September 2009 for completion of Feasibility Report if funded in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Walter Jones (NC-03) (R)

DISTRICT: Wilmington

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Volusia County Beaches (Daytona Beach Shores), FL

AUTHORIZATION: House Resolution, docket number 2619, dated 16 February 2000.

LOCATION: Volusia County is located on the East Coast of Florida, approximately 80 miles south of Jacksonville and 250 miles north of Miami.

DESCRIPTION: The study area covers the entire shoreline of Volusia County, which is approximately 49.5 miles long and is almost entirely developed. The AIWW and Ponce De Leon Inlet navigation projects are within the limits of the study area. The Volusia County shoreline was heavily damaged during the 1999 and 2004 hurricane season.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,578
Estimated Non-Federal Cost	1,500
Cash	1,500
Other	0
Total Estimated Cost	\$ 3,078
Allocation thru FY 2004	\$ 78
Allocation for FY 2005	0
Allocation for FY 2006	99
Allocation for FY 2007	100
Balance to Complete after FY 2007	1,301
Benefit to Cost Ratio Applicable rate (____%)	Not yet available
Benefit to Cost Ratio at 7%	Not yet available
Remaining Benefits Remaining Costs Ratio (7%)	Not yet available

FY 2007 ACTIVITIES: Complete feasibility scope survey of the 49.5 miles of shoreline.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Sep 2011

OTHER INFORMATION: The 905(b) analysis was completed in July 2004 and approved in September 2004. The Feasibility Cost Share Agreement was executed on May 4, 2006.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Mica (FL-7)(R)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Egmont Key Shoreline Stabilization, Florida.

**AUTHORIZATION:** Section 420 of WDRA 2000

**LOCATION:** Egmont Key is located in the mouth of Tampa Bay on the Gulf of Mexico, on the west coast of Florida.

**DESCRIPTION:** The U.S. Fish and Wildlife Service (USFWS) owns most of the island. Other small owners include the U.S. Coast Guard and the Tampa Bay Pilots Association. The U.S. Coast Guard is in the process of transferring its remaining land to the USFWS. The entire western shore of the island is owned by the USFWS. Historic gun emplacements located on the western shore are being threatened by shoreline erosion.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 887
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 887
Allocation thru FY 2004	\$ 189
Allocation for FY 2005	399
Allocation for FY 2006	99
Allocation for FY 2007	200
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	Not yet available
Benefit to Cost Ratio at 7%	Not yet available
Remaining Benefits Remaining Costs Ratio (7%)	Not yet available

**FY 2007 ACTIVITIES:** Funds received in FY 07 will be used to complete the feasibility study including engineering analysis, environmental documentation, and plan formulation.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007

**OTHER INFORMATION:** The USFWS owns most of the island including the entire western (Gulf Coast) shoreline. The Gulf Coast shoreline is in need of stabilization to protect historic structures. The Florida Department of Environmental Protection's (FDEP) recommended plan for stabilization was a groin structure on the north end of the island followed by beach renourishment to offset erosion. Sea turtles use the beach for nesting, so a hardened shoreline was unacceptable. The St. Petersburg Harbor maintenance event placed approximately 600,000 cubic yards of material on the western shore. The project has been praised by the FDEP, Tampa Bay Estuary Program, and



the Tampa Bay Regional Planning Council's Agency on Bay Management for its innovative use of dredged material to protect the historic structures on Egmont Key. The feasibility study is not at a point that the benefit cost ratio information can be computed.

ADMINISTRATION POSITION: This project is in accord with current Administration's policy but the USFWS should request the funding to protect USFWS property. Directive language was received in FY04 to proceed into feasibility after the 905(b) analysis determined no Federal Interest.

CONGRESSIONAL INTEREST: Sen. Martinez (FL-R), Sen. Bill Nelson (FL-D), Reps. Young (FL-10)(R) and Castor (FL-11)(D)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Lido Key, Sarasota County, Florida

AUTHORIZATION: WRDA 1999

LOCATION: Lido Key is approximately 2.4 miles long and is located approximately 45 miles south of Tampa. Lido Key is separated from Longboat Key to the north by New Pass and from Siesta Key to the south by Big Sarasota Pass.

DESCRIPTION: Hurricane and storm damage protection for the Gulf of Mexico shoreline of Lido Key.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 600
Estimated Non-Federal Cost	200
Cash	200
Other	0
Total Estimated Cost	\$ 800
Allocation thru FY2004	\$ 0
Allocation for FY 2005	13
Allocation for FY 2006	124
Allocation for FY 2007	125
Balance to Complete after FY 2007	338
Benefit to Cost Ratio Applicable rate (5.375%)	5.87
Benefit to Cost Ratio at 7%	4.69
Remaining Benefits Remaining Costs Ratio (7%)	4.69

FY 2007 ACTIVITIES: A Preconstruction Engineering and Design agreement is being prepared. Preparation of Plans and Specifications as well as permitting of the project will be initiated this year.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: The project was fully reauthorized under Section 364 of Water Resources Development Act of 1999, P.L.106-53 as follows: Each of the following projects is authorized to be carried out by the Secretary, if the Secretary determines that the project is technically sound, environmentally acceptable, and economically justified, as appropriate: (2) LIDO KEY BEACH, SARASOTA, FLORIDA – (A) IN GENERAL - The project for shore protection, Lido Key Beach, Sarasota, Florida, authorized by section 101 of the River and Harbor Act of 1970 (84 Stat. 1819) and deauthorized under section 1001(b) of the Water Resources Development Act of 1986 (33 U.S.C. 579a(b)), at a total cost of \$5,200,000, with an estimated Federal cost of \$3,380,000 and an estimated non-Federal cost of \$1,820,000. (B) PERIODIC NOURISHMENT – The

Secretary may carry out periodic nourishment for the project for a 50-year period at an estimated average annual cost of \$602,000, with an estimated annual Federal cost of \$391,000 and an estimated annual non-Federal cost of \$211,000.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Buchanan (FL-13)(R)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: St. Johns County Beaches, Florida

AUTHORIZATION: House Resolution adopted June 11, 2000

LOCATION: St. Johns County is located on the East Coast of Florida, approximately 30 miles south of Jacksonville and 300 miles north of Miami.

DESCRIPTION: The ocean shoreline of St. Johns County is approximately 42 miles long. The St. Johns County shoreline was heavily damaged during the 1999 hurricane season, prompting a request to Congresswoman then Tillie Fowler, for assistance. The county shoreline has also being impacted by subsequent unusual hurricane seasons such as 2004 and 2005. The study area will include all of St. Johns County.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 870
Estimated Non-Federal Cost	770
Cash	745
Other	25
Total Estimated Cost	\$1,640
Allocation thru FY 2004	\$ 101
Allocation for FY 2005	20
Allocation for FY 2006	99
Allocation for FY 2007	100
Balance to Complete after FY 2007	550
Benefit to Cost Ratio Applicable rate (%)	Not yet available
Benefit to Cost Ratio at (%)	Not yet available
Remaining Benefits Remaining Costs Ratio (%)	Not yet available

FY 2007 ACTIVITIES: Continue Feasibility Phase studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: The Reconnaissance report was approved in April 2004. An FCSA was executed in September 2004.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: John Mica (FL-7)(R)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: St. Lucie County Beaches, Florida

AUTHORIZATION: House Resolution adopted April 11, 2000.

LOCATION: St. Lucie County is located on the East Coast of Florida, approximately 225 miles south of Jacksonville and 100 miles north of Miami.

DESCRIPTION: The ocean shoreline of St. Lucie County is approximately 25 miles long. The impacts of the hurricane season of 2004-2005 emphasized the critical need for shoreline protection throughout the southern 5.0 miles of county shoreline.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$1,105
Estimated Non-Federal Cost	988
Cash	0
Other	988
Total Estimated Cost	\$2,093
Allocation thru FY 2004	\$ 117
Allocation for FY 2005	107
Allocation for FY 2006	99
Allocation for FY 2007	100
Balance to Complete after FY 2007	682
Benefit to Cost Ratio Applicable rate (____ %)	Not yet available
Benefit to Cost Ratio at 7%	Not yet available
Remaining Benefits Remaining Costs Ratio (7%)	Not yet available

FY 200 ACTIVITIES: Continue Feasibility phase studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: March 2010

OTHER INFORMATION: A Feasibility Cost Sharing Agreement was executed in June 2004. The non-Federal project sponsor (St. Lucie County) supports the study. The State of Florida, Department of Environmental Protection, also supports shore protection initiatives for the critically eroding shoreline within the study area.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Mahoney (FL-16)(D)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Surf City and North Topsail Beach, NC

AUTHORIZATION: Resolution adopted by the House Committee on Transportation and Infrastructure dated February 16, 2000, docket number 2617.

LOCATION: The Towns of Surf City and North Topsail Beach are located on Topsail Island, a barrier island located about 25 miles northeast of Wilmington, NC between New Topsail Inlet and New River Inlet. North Topsail Beach, Surf City and Topsail Beach are located on Topsail Island.

DESCRIPTION: Local interests desire a shore protection project consisting of beach renourishment to provide protection to upland structures and the town's infrastructure.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 2,188
Estimated Non-Federal Cost	2,100
Cash	(2,100)
Other	(0)
Total Estimated Cost	\$ 4,288
Allocation Thru FY 2004	\$ 915
Allocation For FY 2005	196
Allocation For FY 2006	274
Allocation For FY 2007	175
Balance to Complete after FY 2007	628
Benefit to Cost Ratio Applicable rate (NA%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Continue completion of the Alternative Formulation Briefing.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009.

OTHER INFORMATION: The towns of Surf City and North Topsail Beach have established beach renourishment committees which have determined that property owners are willing to support a shore protection study and project, if feasible. The feasibility cost sharing agreement was executed on February 13, 2002. Both towns were struck by several hurricanes in 1996 and 1999, which caused severe erosion and severely damaged or destroyed the primary dune system and the structures along the ocean shoreline. Both towns are vulnerable to damages from future storm events. The northern 7 miles of North Topsail Beach is in a Coastal Barrier Resources Act Zone, which precludes it from being included in this study.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sens. Dole (NC)(R) and Burr (NC)(R) and Reps. McIntyre (NC-07)(D) and Jones (NC-03)(R)

DISTRICT: Wilmington

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Tybee Island North Beach/Channel Impacts

AUTHORIZATION: Resolution of the Committee on Public Works, U.S. Senate adopted April 29, 1963; Resolution of the Committee on Public Works, House of Representatives adopted June 19, 1963; and Resolution by the Senate Committee on Environment and Public Works dated 8 November 2001.

LOCATION: Tybee Island is a 3.5-mile long barrier island, located 18 miles east of Savannah at the mouth of the Savannah River on the Atlantic Ocean. The mostly developed island is bordered on the north by the South Channel of the Savannah River, on the east by the Atlantic Ocean, and on the south and west by the Back River and other tidal creeks. Tybee Island has an average width of 0.5 miles and the ground elevation varies from 10 to 18 feet above mean low water and slopes westward to the salt marshes.

DESCRIPTION: The City of Tybee Island, Georgia, is the non-Federal partner on the feasibility study. Two potential project purposes have been identified: (1) Determine if the Savannah Harbor Federal Navigation Project is adversely impacting the shores of Tybee Island, Georgia and the shoreline along the north end of Tybee Island; and (2) Determine if the existing Tybee Island Shoreline Protection Project should be modified to include shore protection for the north end of Tybee Island. The Tybee Island Channel Impact Feasibility Study focuses on determination and mitigation of Federal navigation channel impacts to the shoreline of Tybee Island. The feasibility study will evaluate mitigation alternatives for any identified impacts, some of which may include a sand by-pass, changes in operation and maintenance activities and/or a change to cost sharing percentages for future beach renourishments.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility Study</u>
Estimated Federal Cost	\$ 525,000
Estimated Non-Federal Cost	525,000
Cash	525,000
Other	0
Total Estimated Cost	\$ 1,050,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	124,000
Allocation for FY 2007	125,000
Balance to Complete after FY 2007	276,000
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Tybee Island Channel Impact Study Project Management Plan was approved and Feasibility Cost Share Agreement was signed on 11 Jan 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: December 2009

OTHER INFORMATION: The Georgia Ports Authority has agreed to fund up to \$375,000 for studies aimed at determining possible impacts to Tybee Island from the Savannah Harbor Federal Navigation Channel.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Jack Kingston (GA-01)(R), Sens. Chambliss (GA) (R) and Isakson (GA)(R)

DISTRICT: Savannah

Date: 2 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Birmingham Watersheds, Village Creek, AL

AUTHORIZATION: House Resolution adopted 7 May 1996 by the U.S. House of Representatives Committee on Transportation and Infrastructure

LOCATION: Birmingham, AL

DESCRIPTION: The project is located the Village and Valley Creek Watersheds within the City of Birmingham, Alabama. The study will include investigations of flood damage reduction, environmental restoration and protection, and water quality. The study purpose is to determine measures to alleviate these problems.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,448
Estimated Non-Federal Cost	1,448
Cash	1,448
Other	0
Total Estimated Cost	\$ 2,896
Allocation thru 2004	\$ 975
Allocation for FY 2005	253
Allocation for FY 2006	115
Conference Amount for FY 2007	0
Allocation for FY 2007	105
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5 1/8%)	3.2
Benefit to Cost Ratio at 7%	2.5
Remaining Benefits Remaining Costs Ratio at 7%	2.5

FY 2007 ACTIVITIES: Continue work on feasibility study with completion scheduled for Dec 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: Feasibility cost increased \$210,000. The City of Birmingham was contacted concerning the increase and was waiting to see if SAM could get the federal share. They have been made aware that the federal funds have been secured.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sens. Sessions (AL)(R) and Shelby (AL)(R) and Rep Davis (AL-07)(D)

DISTRICT: Mobile

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Walton County, FL

AUTHORIZATION: Study resolution adopted 24 July 2002 by House Committee on Transportation and Infrastructure, Senate Committee on Environment and Public Works, adopted 25 July 2002.

LOCATION: Walton County, in the northwest Florida panhandle

DESCRIPTION: The proposed project is located in Walton County, Florida. This is a study to provide shoreline protection measures to reduce hurricane and storm damages and provide environmental restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,330
Estimated Non-Federal Cost	1,330
Cash	1,330
Other	0
Total Estimated Cost	\$ 2,660
Allocation thru 2004	\$ 384
Allocation for FY 2005	646
Allocation for FY 2006	198
Conference Amount for FY 2007	0
Allocation for FY 2007	102
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (4 7/8%)	unknown
Benefit to Cost Ratio at 7%	unknown
Remaining Benefits Remaining Costs Ratio at 7%	unknown

FY 2007 ACTIVITIES: Continue work on feasibility study with completion scheduled for Dec 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: This project is a test bed for the Institute of Water Resources Hurricane and Storm Damage Reduction model. The project is vital to this county, which relies so heavily upon tourism and its beaches. The funding would advance the feasibility completion.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Martinez (FL)(R) and Sen. Nelson (FL)(D) and Congressman Miller (FL-01)(R)

DISTRICT: Mobile

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Surfside Beach Stormwater Drainage, SC (Planning Assistance To States)

AUTHORIZATION: Section 22 of the Water Resources Development Act of 1974 (PL 93-251)

LOCATION: The Town of Surfside Beach is located on the Atlantic Ocean along the northern coast of SC. The area is commonly referred to as the Grand Strand.

DESCRIPTION: Surfside Beach is experiencing some environmental and flooding issues related to their stormwater retention lakes. This study will focus on determining current stormwater needs and will focus on proper stormwater management practices. The study will include review of flooding issues and lake flow/handling capacity and depths.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$ 0
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 0
Allocations thru FY 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Conference Amount for FY 2007	0
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: None.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: In FY06, funds of \$25,000 were earmarked by Congress, however, the local sponsor couldn't cost share in the study and is pursuing another avenue of funding outside the Corps. Funds were reprogrammed to another PAS study by HQ.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Sen. Graham (SC)(R) and Sen. DeMint (SC)(R), Rep. Brown (SC-1)(R)

DISTRICT: Charleston

Date: 2 Apr 07

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Arecibo River, PR

AUTHORIZATION: Water Resources Development Act of 1996, Sec 101(a) (26).

LOCATION: The City of Arecibo is located on the northern coast of Puerto Rico, approximately 40 miles west of San Juan,

DESCRIPTION: The Rio Arecibo Basin covers a 272 square mile area and includes the upstream towns of Utuado, Jayuya, and Adjuntas. The recommended plan combines a floodwall and two miles of levee along the Arecibo River; channel improvements, a plug, and channel diversion on the Santiago River; and a short levee on the Tanama River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 22,800
Estimated Non-Federal Cost	22,300
Cash	5,441
Other	16,859
Total Estimated Cost	\$ 45,100
Allocation thru FY 2004	\$ 5,320
Allocation for FY 2005	1,009
Allocation for FY 2006	3,951
Allocation for FY 2007	12,520
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5 5/8%)	6.5
Benefit Cost Ratio at 7%	2.8
Remaining Benefits Remaining Costs Ratio (7%)	5.8

FY 2007 ACTIVITIES: Fiscal Year 2007 funds will be used to continue construction of Contract 1 which entails channels, levees, and culvert structures, in addition to engineering during construction, and construction management related to the construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction of all contracts is estimated to be completed in FY2013.

OTHER INFORMATION: FY08 funds requested were accelerated and provided in FY07. Construction contract underway is expected to be completed in FY08; therefore some of the accelerated funds will be carried over into FY08. An LRR will be prepared to look at the remaining project costs and benefits.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Resident Commissioner Luis Fortuño.

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Brunswick County Beaches – Oak Island, Holden Beach and Caswell Beach Portion – General Reevaluation Report (GRR), North Carolina

AUTHORIZATION: Project Authorized House Document No. 511, 89<sup>th</sup> Congress, 2d Session, Cape Fear River to North Carolina – South Carolina State Line, 7 November 1966, which is know as Flood Control Act of 1966, Section 203.

LOCATION: Brunswick County, in extreme southeastern North Carolina.

DESCRIPTION: The reevaluation study is reevaluating the improvements recommended in General Design Memorandum – Phase I; Hurricane Wave Protection – Beach Erosion Control; Brunswick County, North Carolina, which addressed improvements consisting of dune and beach restoration fills covering a total coastline reach of 25.2 miles which applied to the contiguous shores of the towns of Yaupon Beach and Long Beach (Now the Town of Oak Island), located on Oak Island, and the three discrete, incorporated barrier islands of Holden Beach, Ocean Isle Beach and Sunset Beach. Ocean Isle was covered under a separate GRR and Sunset Beach has not requested to be included in the study.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 219,600
Estimated Non-Federal Cost	118,400
Cash	(115,680)
Other	(2,720)
Total Estimated Cost	\$ 338,000
Allocation Thru FY 2004	\$ 11,393
Allocation For FY 2005	623
Allocation For FY 2006	3,020
Allocation For FY 2007	50
Balance to Complete after FY 2007	204,564
Benefit to Cost Ratio Applicable rate (6.875%)	1.90
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Continue coastal and environmental studies and prepare draft General Reevaluation Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: March 2009, if not funded in FY 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. McIntyre (NC-07) (D)

DISTRICT: Wilmington

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Dare County, North Carolina

AUTHORIZATION: Project Authorized by Section 101 of WRDA 2000.

LOCATION: The project is located on the northern coast of North Carolina about 40 miles south of the North Carolina-Virginia state line.

DESCRIPTION: The authorized plan of improvement consists of a 25-foot-wide dune at elevation 13 feet National Geodetic Vertical Datum (NGVD) and a 50 foot wide berm to be constructed at elevation 7 feet NGVD along two separate stretches of shoreline. The most northern segment begins approximately 1 mile north of the southern Kitty Hawk town limits and extends for approximately 3.1 miles into Kill Devil Hills. The southern segment begins near the northern boundary of the Town of Nags Head and extends 10.1 miles to the northern property boundary of the Cape Hatteras National Seashore. Total length of the project is approximately 14.1 miles.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 830,000
Estimated Non-Federal Cost	800,000
Cash	(793,844)
Other	(6,156)
Total Estimated Cost	\$1,630,000
Allocation Thru FY 2004	\$1,859
Allocation For FY 2005	881
Allocation For FY 2006	1,921
Allocation For FY 2007	100
Balance to Complete after FY 2007	825,239
Benefit to Cost Ratio Applicable rate (6.125%)	1.9
Benefit to Cost Ratio at 7%	1.8
Remaining Benefits Remaining Costs Ratio (7%)	1.8

FY 2007 ACTIVITIES: Continue the construction phase, including completion of pre- construction biological and physical monitoring, and update of the economic project analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012 to complete initial construction if no funds provided in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Dole (NC) (R), Sen. Burr (NC) (R),  
Rep. Jones (NC-03) (R).

DISTRICT: Wilmington

Date: 2 April 2007



# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
(CONSTRUCTION)  
Continuing Authorities Program  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Río Anton Ruiz - Punta Santiago, Puerto Rico

AUTHORIZATION: Section 205 of the 1948 River and Harbor Act, as amended

LOCATION: The town of Humacao is located on the southeastern tip of Puerto Rico. The Anton Ruiz basin drains an area of 15.4 square miles into the Caribbean Sea.

DESCRIPTION: The project involves building approximately 2.1 miles of levees and interior collector channel around the community to provide the SPF level of protection. The plan also includes wetlands mitigation and recreation features.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>D&amp;I</u>
Estimated Federal Cost	\$ 6,069
Estimated Non-Federal Cost	2,050
Cash	2,050
Other	0
Total Estimated Cost	\$ 8,119
Allocation thru FY 2004	\$ 4,922
Allocation for FY 2005	361
Allocation for FY 2006	85
Allocation for FY 2007	400
Balance to Complete after FY 2007	301
Benefit to Cost Ratio Applicable rate (___ %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Proceed with mitigation contract (last component to complete project), pending resolution of access roads issues and receipt of non-Fed funds.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: July 2009

OTHER INFORMATION: The flood control construction contract was completed and turned over to the Sponsor in February 2003. Authorized project required mitigation due to construction impacts to Pterocarpus and salinity levels. A contract was awarded in September 2006 to a Small Business contractor for the construction of temporary salinity barriers. Physical construction of the salinity barriers was completed in March 2007.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Resident Commissioner Luis Fortuño

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Continuing Authorities Program  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Río Fajardo, Puerto Rico

AUTHORIZATION: Section 205 of the 1948 River and Harbor Act, as amended

LOCATION: The town of Fajardo is located on the northeastern tip of Puerto Rico about 37 miles east of San Juan. Río Fajardo is located mostly within the municipality limits with a basin area of about 27 square miles.

DESCRIPTION: The recommended plan consist of about 2.1 kilometers of levees, two road ramps, one low flow structure, and interior drainage facilities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>D&amp;I</u>
Estimated Federal Cost	\$ 6,627
Estimated Non-Federal Cost	6,798
Cash	6,798
Other	0
Total Estimated Cost	\$13,425
Allocation thru FY 2004	\$ 1,866
Allocation for FY 2005	86
Allocation for FY 2006	4,205
Allocation for FY 2007	526
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___ %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Fiscal Year 2007 funds will be used towards construction placement once construction contract, currently under re-advertisement, is awarded.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: July 2009

OTHER INFORMATION: A construction contract was advertised and scheduled to be awarded in late September 2006. However, the contract could not be awarded as both bids were much higher than the government estimate. P&S are being re-scoped and currently the construction contract is being re-advertised. Bid opening is scheduled by mid-April 2007 with an award in May 2007.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Resident Commissioner Luis Fortuño

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Continuing Authorities Program  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Rio El Ojo de Agua, Puerto Rico

AUTHORIZATION: Section 205 of the 1948 River and Harbor Act, as amended

LOCATION: Rio El Ojo de Agua is located in the Municipality of Aguadilla, on the west coast of Puerto Rico. The drainage area of the watershed is approximately 0.91 square miles. Río Ojo de Agua is the main drainage feature in downtown Aguadilla.

DESCRIPTION: The preliminary improvements consist of a combination of reinforced concrete box culvert and open channel to divert the total flow of Río Ojo de Agua from the existing culvert at Jose C. Barbosa Street to the Aguadilla Bay.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>D&amp;I</u>
Estimated Federal Cost	\$ 6,634
Estimated Non-Federal Cost	4,409
Cash	4,409
Other	0
Total Estimated Cost	\$11,043
Allocation thru FY 2004	\$ 1,016
Allocation for FY 2005	19
Allocation for FY 2006	0
Allocation for FY 2007	5,599
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___ %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Update plans and specifications, certify land acquisition and advertise construction contract. Due to the lateness of receiving Federal funds in FY07, award of the construction contract has slipped into FY08. Therefore, FY07 carried over funds will be used for construction contract award, construction placement, engineering during construction, and construction management.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: January 2010

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but fully funded

CONGRESSIONAL INTEREST: Resident Commissioner Luis Fortuño

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Continuing Authorities Program  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Turpentine Run, U.S. Virgin Islands

**AUTHORIZATION:** Section 205 of the 1948 River and Harbor Act, as amended.

**LOCATION:** St. Thomas, U.S. Virgin Islands

**DESCRIPTION:** The Turpentine Run area is located about two miles southeast of the city of Charlotte Amalie, on the southeastern end of the island of St. Thomas, U.S. Virgin Islands. Adjacent to the Nadir residential area there is an existing concrete channel, which carries Turpentine Run past the developed area. The capacity of this channel is insufficient to carry flood flows thereby causing flooding in the development. In addition to monetary damage, the nature of the flooding creates a substantial and significant threat to the safety of area residents. The recommended plan involves replacement of the existing concrete channel with a new channel having greater capacity. Improvements would begin at the north end of the Nadir development and end at a discharge point at Mangrove Lagoon. A levee would be constructed along the northern edge of the development. A sheet pile wall would run along the development side of the channel between the levee and a 40-foot long drop structure. From the drop structure, the channel is concrete and U-shaped for a distance of approximately 460 feet. It then transitions to a trapezoidal, earthen channel lined with riprap. Where possible, the existing concrete channel wall along the Nadir development will be left intact. Downstream from the new Bovoni Road bridge to the Nadir racetrack, steel sheet pile is proposed for the west side of the channel. The local sponsor, separate from this project, will replace the existing Bovoni Road Bridge. From just downstream of the replacement bridge, underground piping will run beneath the racetrack to Mangrove Lagoon.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>D&amp;I</u>
Estimated Federal Cost	\$ 3,903
Estimated Non-Federal Cost	4,400
Cash	4,400
Other	0
Total Estimated Cost	\$ 8,303
Allocation thru FY 2004	\$ 610
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	250
Balance to Complete after FY 2007	3,043
Benefit to Cost Ratio Applicable rate (___ %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

**FY 2007 ACTIVITIES:** Obtain new field survey to verify existing conditions. Update project plans and specifications based on the new field survey. Prepare draft Project Cooperation Agreement.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008

**OTHER INFORMATION:** Sponsor is U.S. Virgin Islands Department of Public Works, 8244 Sub Base, St. Thomas, USVI 00802

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: USVI Delegate Donna Christensen

DISTRICT: Jacksonville

Date: 2 April 2007

# COMMERCIAL NAVIGATION

# INVESTIGATIONS



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Jacksonville Harbor - Milepoint, Florida

AUTHORIZATION: Resolution, Docket 2550, of House Committee on Transportation and Infrastructure adopted March 24, 1998.

LOCATION: Mile Point is located on the north bank of the St. Johns River in Duval County in north Florida.

DESCRIPTION: The feasibility study will determine the cause of severe erosion, sinkholes, and high velocities in the study area with the aim of developing a plan to reduce or eliminate the negative impacts.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 922
Estimated Non-Federal Cost	803
Cash	778
Other	25
Total Estimated Cost	\$ 1,725
Allocation thru FY 2004	\$ 179
Allocation for FY 2005	335
Allocation for FY 2006	233
Allocation for FY 2007	125
Balance to Complete after FY 2007	50
Benefit to Cost Ratio Applicable rate (____ %)	Not yet available
Benefit to Cost Ratio at ____%	Not yet available
Remaining Benefits Remaining Costs Ratio (____ %)	Not yet available

FY 2007 ACTIVITIES: Funds provided in FY07 will be used to continue feasibility study effort to include completing economic analysis, environmental coordination, and preparing draft feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Additional efforts required for economic and engineering studies.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Reps. Brown (FL-3) (D) & Crenshaw (FL-4) (R)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Port Everglades Harbor, Florida

AUTHORIZATION: Resolution, Docket 126, of House Committee on Transportation and Infrastructure adopted May 9, 1996.

LOCATION: Port Everglades is a man-made port located in Broward County along south Florida's east coast.

DESCRIPTION: The study scope includes widening and deepening the major channels and basins within the port due to the expected use of larger and deeper draft vessels. The study also investigates expanding the Port into the Dania Cutoff Canal, to include a turning basin at the end of the Southport Channel.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 3,070
Estimated Non-Federal Cost	2,820
Cash	2,185
Other	635
Total Estimated Cost	\$ 5,890
Allocation thru FY 2004	\$ 1,800
Allocation for FY 2005	93
Allocation for FY 2006	174
Allocation for FY 2007	490
Balance to Complete after FY 2007	513
Benefit to Cost Ratio Applicable rate (____ %)	Not yet available
Benefit to Cost Ratio at 7%	Not yet available
Remaining Benefits Remaining Costs Ratio (7%)	Not yet available

FY 2007 ACTIVITIES: Funds provided in FY07 will be used to continue feasibility study effort to include completing environmental studies and continue planning and engineering analyses.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: An amendment to the Cost Sharing Agreement was executed in January 2006 to include additional studies and formulation efforts associated with finalizing the mitigation plan and completion of the feasibility study. The feasibility study is not yet at a point where the benefit cost information is available. The sponsor strongly desires completion of the feasibility study to be a WRDA 2008 candidate.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Reps. Wasserman Schultz (FL-20)(D) and Klein (FL-22)(R)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: St. Petersburg Harbor, FL

AUTHORIZATION: Rivers and Harbor Act of 1950 (House Document 70, 81st Congress, 1st Session)

LOCATION: The project is located on the central west coast of Florida in Tampa Bay.

DESCRIPTION: The Authorized project includes an entrance channel 24 by 300 feet from Tampa Bay southerly and thence westerly along south side of Port of St. Petersburg Basin to Bayboro Harbor; a 24-foot depth in the port basin and in the area between the entrance channel and the Maritime Service south bulkhead; a channel 15 by 100 feet in Bayboro Harbor along southwesterly 300 feet of the Maritime Service bulkhead; a basin 12 by 800 by 700 feet to 1,400 feet in Bayboro Harbor; a channel 12 by 75 feet by 300 feet in the mouth of Salt Creek; an entrance channel 20 by 200 feet extending northerly about 5.5 miles from deep water in lower Tampa Bay, and thence a channel 19 by 250 feet leading westward to the 24-foot-depth entrance channel, and a channel 16 by 200 feet by 6,200 feet on the easterly side of the Point Pinellas lighted beacon.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$1,051
Estimated Non-Federal Cost	350
Cash	350
Other	0
Total Estimated Cost	\$1,401
Allocation through FY 2004	\$ 516
Allocation for FY 2005	159
Allocation for FY 2006	198
Allocation for FY 2007	100
Balance to Complete after FY2007	78
Benefit to Cost Ratio Applicable rate (____%)	Not yet available
Benefit Cost Ratio at 7%	Not yet available
Remaining Benefits Remaining Costs Ratio (7%)	Not yet available

FY 2007 ACTIVITIES: Funds will be used to continue channel design, environmental documentation, economic analysis, and plan formulation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: The General Reevaluation Report will include updated economics and costs. The previous economic analysis was completed in 1979 and the project had a 2.9 to 1 benefit to cost ratio at that time.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Bill Young (FL-10)(R)

DISTRICT: Jacksonville

Date: 2 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Mobile Harbor, AL

AUTHORIZATION: Supplemental Appropriations Act of 1985 and WRDA 86

LOCATION: Mobile Harbor is located in southwest Alabama and extends from the Gulf of Mexico through Mobile Bay to the mouth of Mobile River at the City of Mobile, Alabama, a distance of approximately 39 miles.

DESCRIPTION: Phase I construction to a depth of 45-feet was completed in FY 94. The 1300-foot extension to Phase I was completed in FY 00. Phase I 1200-foot and 2100- extensions have been funded for construction in the FY 07 Work Plans. A General Re-Evaluation Report (GRR) for an authorized Turning Basin is being prepared. The FY 08 capability for construction of the Turning Basin is \$16,200,000. Phase II construction is un-programmed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 297,335
Estimated Non-Federal Cost	240,665
Cash	240,665
Other	0
Total Estimated Cost	\$ 538,000
Allocation thru 2004	\$ 28,988
Allocation for FY 2005	26
Allocation for FY 2006	1,879
Conference Amount for FY 2007	0
Allocation for FY 2007	3,750
Balance to Complete after FY 2007	262,691
Benefit to Cost Ratio Applicable rate (6.75%)	3.5
Benefit to Cost Ratio at 7%	3.2
Remaining Benefits Remaining Costs Ratio at 7%	3.2

FY 2007 ACTIVITIES: Complete GRR for the Turning Basin and construct the 1200-foot and 2100-foot extensions to Phase I.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2008

OTHER INFORMATION: Mobile District is currently responding to HQ comments to the General Reevaluation Report.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Shelby (AL) (R), Sen. Sessions (AL) (R) and Rep. Bonner (AL-1) (R)

DISTRICT: Mobile

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Wilmington Harbor 96 Act, North Carolina

AUTHORIZATION: Project Authorized by WRDA 86, Section 201; WRDA 96, Section 101

LOCATION: Wilmington Harbor 96 Act project is located on the Cape Fear and Northeast Cape Fear Rivers in the vicinity of Wilmington on the southern coast of North Carolina in New Hanover and Brunswick Counties.

DESCRIPTION: The plan of improvement consists of deepening the ocean bar and entrance channels from the authorized depth of 40 feet to 44 feet, deepening the authorized 38-foot project to 42 feet up to and including the anchorage basin immediately upriver from the State Ports Authority dock, and extending the anchorage basin northward by 300 feet; the existing 400-foot wide channel will be widened to 600 feet over a total length of 6.2 miles including Lower and Upper Midnight and Lower Lilliput reaches; widen five turns and bends by 100 to 200 feet providing a total average channel width of 500 to 675 feet; widening the Fourth East Jetty Channel to 500 feet over a total length of 1.5 miles; deepening the 32-foot channel between Castle Street and the Hilton Railroad Bridge, the 32-foot turning basin just above the mouth of the northeast Cape Fear River on the west side to 38 feet; and the 25-foot channel from the Hilton Railroad Bridge to 750 feet upstream all to a depth of 38 feet; deepening the 25-foot channel from 750 feet upstream of the Hilton Railroad Bridge to the turning basin near the upstream limits of the project to 34 feet, along with widening of the channel from 200 to 250 feet; and widening the turning basin from 700 to 800 feet; and mitigation to include construction of a 30 acre embayment, acquisition of about 700 acres of existing marsh and upland areas for preservation of habitat to offset losses of wetlands and primary nursery areas, and construction of a fish passage structure around Lock and Dam #1. The plan of improvement for the dredged material disposal facility consists of incrementally raising the dikes at the Eagle Island confined disposal facility to a maximum of 40 feet.

<u>SUMMARIZED FINANCIAL DATA (000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 346,000
Estimated Non-Federal Cost	166,000
Cash	(117,303)
Other	(48,697)
Total Estimated Cost	\$ 512,000
Allocation Thru FY 2004	\$ 199,369
Allocation For FY 2005	17,645
Allocation For FY 2006	17,569
Conference Amount for FY 2007	6,500
Allocation For FY 2007	6,500
Balance to Complete after FY 2007	104,917
Benefit to Cost Ratio Applicable rate (7.625%)	1.3
Benefit to Cost Ratio at 7%	1.4
Remaining Benefits Remaining Costs Ratio (7%)	2.7

FY 2007 ACTIVITIES: Completion of construction of the Eagle Island FY07 Improvements and task orders 1 and 2 of the Eagle Island Ditching Contract. We will also continue the required physical and biological monitoring; the development of the general re-evaluation report and dredge material management plan. Develop plans and specifications, issue award and fully fund the Eagle Island FY 08 Improvements solicitation.



EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Assuming no funding in FY 2008 and level out year funding at FY 2006 amount, the project can be completed in FY 2012.

OTHER INFORMATION: The General Re-evaluation Report will also include a review of potential implemental alternatives for the three lock and dam structures on the Cape Fear River above Wilmington.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Dole (NC) (R), Sen. Burr (NC) (R), Rep. McIntyre (NC-07) (D), Rep. Watt (NC-12) (D), Rep. Price (NC-04) (D), Rep. Coble (NC-06) (R), Rep. Jones (NC-03) (R), Rep. Hayes (NC-08) (R), Rep. McHenry (NC-10) (R), Rep. Butterfield (NC-01) (D), Rep. Shuler (NC-11) (D), Rep. Etheridge (NC-02) (D), Rep. Miller (NC-13) (D), Rep. Foxx (NC-05) (R) and Rep. Myrick (NC-09) (R).

DISTRICT: Wilmington

Date: 2 April 2007

# OPERATION AND MAINTENANCE

FACT SHEET  
OPERATION AND MAINTENANCE

BUSINESS PROGRAM: Navigation, Hydropower, Environmental Stewardship and Recreation

PROJECT/STUDY NAME: Alabama River Lakes, AL

AUTHORIZATION: River and Harbor Act of 2 March 1945

LOCATION: Mouth of Alabama River is located 45 miles north of Mobile and extends 300 miles northeast to Montgomery, AL, thence the mouth of the Coosa River at Montgomery, AL, extending northeast 25 miles to Walter Bouldin Dam.

DESCRIPTION: Normal activities include: operation and maintenance (O&M) of three locks and dams, two powerhouses, recreation facilities, dredging of navigation channel, maintenance of upland, diked disposal areas and natural resources management for all project lands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation for FY 2005	N/A
Allocation for FY 2006	N/A
Conference Amount for FY 2007	0
Allocation for FY 2007	14,863
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 activities include: caretaker O&M of three locks and dams and condition surveys for navigation; routine O&M of two powerhouses and recreational facilities; routine natural resources management for all project lands.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: In order to manage the O&M projects on the Alabama River in a more efficient manner as a system, three projects (Alabama-Coosa Rivers, AL; Millers Ferry Lock & Dam, AL; and Robert F. Henry Lock & Dam) were combined with HQ approval in FY 2006 into a single project, Alabama River Lakes, AL. FY 2009 will be the first budget developed for the combined project.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Shelby (AL) (R); Sen. Sessions (AL) (R); Rep. Bonner (AL-1) (R)

DISTRICT: Mobile District

Date: 2 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Apalachicola Bay, FL

AUTHORIZATION: The project was authorized initially by the River and Harbor Act of 1954. Improvements such as the Two Mile portion of the project were authorized by Section 107 of River and Harbor Act of 1960 and Eastpoint was authorized in 1983.

LOCATION: Apalachicola Bay is located at the mouth of Apalachicola River in Franklin Co., FL and intersects with GIWW Mile 355 at Apalachicola, FL, approx. 60 Miles southeast of Panama City, FL.

DESCRIPTION: Normal maintenance consists primarily of: Dredging project channels at East Point, Two Mile, Scipio Creek and the entrance channel through St. George Island (Sikes Cut). Jetties and the breakwaters are repaired as required.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation for FY 2005	223
Allocation for FY 2006	571
Conference Amount for FY 2007	0
Allocation for FY 2007	20
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Water quality certification expired in 2006. Funds are being used for renewal of the water quality certification.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Nelson (FL) (D); Sen. Martinez (FL) (R); Rep. Boyd (FL-2) (D)

DISTRICT: Mobile District

Date: 2 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Bon Secour River, AL

AUTHORIZATION: The existing project was authorized 16 May 1963 by the Chief of Engineers under authority contained in Section 107 of the River and Harbor Act of 14 July 1960.

LOCATION: Project is located at the mouth of Bon Secour River, a tidal stream, which rises in southern Baldwin Co. about 2 miles south of Foley, AL. It then flows southerly about 8 miles, emptying into Bon Secour Bay, an arm of Mobile Bay.

DESCRIPTION: Normal maintenance consists primarily of dredging project channels.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation for FY 2005	864
Allocation for FY 2006	0
Conference Amount for FY 2007	0
Allocation for FY 2007	35
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Water quality certification expired in June 2006. Funds are being used to renew the water quality certification.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Shelby (AL) (R); Sen. Sessions (AL) (R); Rep. Bonner (AL-1) (R)

DISTRICT: Mobile District

Date: 2 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Bayou La Batre, AL

AUTHORIZATION: River and Harbor Act of 1965

LOCATION: Bayou La Batre is located in southern Mobile County, Alabama, approximately 30 miles southwest of Mobile, Alabama.

DESCRIPTION: Normal maintenance consists primarily of: Dredging project channels, alternating between the Mississippi Sound Channel and the Bayou portion of the project. Bayou maintenance material is disposed of in upland, diked disposal areas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation for FY 2005	1,163
Allocation for FY 2006	3,500
Conference Amount for FY 2007	0
Allocation for FY 2007	35
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Water quality certification expired in February 2007. Funds would be used to renew the water quality certification.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Shelby (AL) (R); Sen. Sessions (AL) (R); Rep. Bonner (AL-1) (R)

DISTRICT: Mobile District

Date: 2 April 2007

FACT SHEET  
OPERATION & MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Carolina Beach Inlet, NC

AUTHORIZATION: Section 107, River and Harbor Act of 1960, as amended

LOCATION: Carolina Beach Inlet is located in New Hanover County just north of the Town of Carolina Beach, NC.

DESCRIPTION: The project provides for a channel 8 feet deep by 150 feet wide, extending from deep water in the Atlantic Ocean through Carolina Beach Inlet to the Atlantic Intracoastal Waterway (AIWW).

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>O&amp;M</u>
Allocations thru FY 2004	\$15,616
Allocation for FY 2005	295
Allocation for FY 2006	703
Allocation for FY 2007	175

FY 2007 ACTIVITIES: Perform maintenance dredging of the ocean bar channel.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: The project supports a significant local commercial fishing industry, recreational sports fishing vessels, and recreational boating vessels. Southeastern North Carolina's economy is dependent on the unimpeded access to the ocean. If access to the open ocean through Carolina Beach Inlet becomes impassable, the next closest access is to Masonboro Inlet & Channels, approximately 11 miles and the Cape Fear River, approximately 50 miles. Alternate access to the ocean from this location requires traveling the AIWW. Since the AIWW is not being maintained at authorized depth, vessels using the AIWW may ground in reaching their destinations.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Dole (NC) (R), Sen. Burr (NC) (R),  
Rep. McIntyre (NC-07) (D)

DISTRICT: Wilmington

Date: 2 April 2007

FACT SHEET  
OPERATION AND MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: East Pass Channel, FL

AUTHORIZATION: The existing project was authorized by the River and Harbor River Act of 1965. Improvements such as the extending the channel into Old Pass Lagoon from 2,000 feet to 3,800 ft. was authorized by Public Law 96-367.

LOCATION: Moreno Point, Destin, FL, or approximately 5 miles east of Ft. Walton Beach and 55 miles west of Panama City, Florida.

DESCRIPTION: Normal maintenance consists primarily of: dredging East Pass and Lagoon channels and repairs to jetties when required.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>O&amp;M</u>
Estimated Federal Cost	\$ N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation for FY 2005	1,005
Allocation for FY 2006	1,438
Conference Amount for FY 2007	0
Allocation for FY 2007	75
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Water quality certification expires in July 2007. Funds are being used to renew the water quality certification.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2007

OTHER INFORMATION: The East Pass Channel is a Harbor of Refuge for vessels in the Gulf of Mexico during storms. Funding provided via Supplemental Appropriations in FY 2005 (Hurricane Ivan) and FY 2006 (Hurricane Katrina) was used to restore project channels to pre-hurricane conditions.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Nelson (FL) (D); Sen. Martinez (FL) (R); Rep. Boyd (FL-2) (D)

DISTRICT: Mobile District

Date: 2 April 2007



FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Fort Myers Beach, FL

AUTHORIZATION: The federal navigation project was authorized by House Document 138/86/11.

LOCATION: The project is located on the Gulf Coast of Florida, approximately 5 miles south of the Caloosahatchee River.

DESCRIPTION: The project provides for federal maintenance of an existing 2.5 miles x 150 ft wide channel, with 12' depths

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>O&amp;M</u>
Allocations thru FY 2004	\$3,368
Allocation for FY 2005	51
Allocation for FY 2006	0
Allocation for FY 2007	\$ 31

FY 2007 ACTIVITIES: Permitting for beach placement of dredge material.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: O&M phase life continues indefinitely. This maintenance dredging event could be completed as early as 2008 dependent of funding.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Mack (FL-14)(R)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
OPERATION & MAINTENANCE

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Lockwoods Folly River, NC

AUTHORIZATION: River and Harbor Act of 1890.

LOCATION: Lockwoods Folly River is located on the southeastern coast of North Carolina about 18 miles west of the Cape Fear River.

DESCRIPTION: The project provides for a channel 8 feet deep by 150 feet wide through Lockwoods Folly Inlet and a channel 6 feet deep by 100 feet wide at low water from the Atlantic Intracoastal Waterway (AIWW) to the bridge at Supply, a distance of approximately 12.5 miles.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>O&amp;M</u>
Allocations thru FY 2004	\$15,208
Allocation for FY 2005	511
Allocation for FY 2006	554
Allocation for FY 2007	200

FY 2007 ACTIVITIES: Perform maintenance dredging of the ocean bar channel.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: This project supports a significant local commercial fishing industry. Southeastern North Carolina's economy is dependent on the seafood industry and unimpeded access to the ocean. If access to the open ocean through the Lockwoods Folly River becomes impassable to the commercial fishing industry the next closest access is the Cape Fear River, approximately 18 miles. Alternate access to the ocean from this location requires traveling the AIWW. Since the AIWW is not being maintained at authorized depth, vessels using the AIWW may ground in reaching their destinations.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Dole (NC) (R) and Sen. Burr (NC) (R),  
Rep. McIntyre (NC-07) (D)

DISTRICT: Wilmington

Date: 2 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: San Juan Harbor, Puerto Rico (O&M)

AUTHORIZATION: WRDA 1986, PL 99-662 and WRDA 1996, PL 104-303

LOCATION: San Juan Harbor is located within the San Juan metropolitan area along the north coast of Puerto Rico.

DESCRIPTION: This is a Federal Deep Draft Navigation Project with authorizations dating back to 1917, the most recent for channel deepening in WRDA 1996. San Juan Harbor is located within the San Juan Metropolitan area along the north coast of Puerto Rico. It is the Commonwealth's principle port handling over 75 percent of the island's non-petroleum waterborne commerce and is the only harbor on the north coast affording protection in all types of weather. Over 13 million tons of commerce now moves through the harbor annually. The project consists of a Bar Channel with depths stepping from 56 to 49 feet, a 40-foot deep Anegado channel, a 40-foot deep Army Terminal Channel, a 39-foot deep Puerto Nuevo Channel, a 34-foot deep Sabana Approach, a 36-foot deep Graving Dock Channel, a 30-foot deep Graving Dock Turning Basin, a 36-foot deep San Antonio Channel, a 30-foot deep extension to the San Antonio Channel, two 30-foot deep Cruise Ship Basins, a 36 foot deep Anchorage Area E, and a 30-foot deep Anchorage area F. The current maintenance-dredging project consists of the removal of approximately 300,000 c.y. of shoals located in the following areas: Graving Dock Turning Basin, Anchorage Area E, Anchorage Area F, and the two Cruise Ship Basins.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>O&amp;M</u>
Allocations thru FY 2004	\$ 22,157
Allocation for FY 2005	510
Allocation for FY 2006	1,645
Allocation for FY 2007	\$ 4,000

FY 2007 ACTIVITIES: Awarded maintenance dredging contract November 2006. Dredging began in mid-February 2007 and is scheduled to be complete at the end of April 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: O&M phase life continues indefinitely. The current maintenance dredging's earliest completion is the end of April 2007.

OTHER INFORMATION: The anchorage areas could not be awarded due to the lack of funding. This is a potential safety issue, because in an emergency situation, these areas would need to be used.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Resident Commissioner Luis G. Fortuno

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
OPERATION & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Town Creek, SC

AUTHORIZATION: Section 107, P.L. 86-645, as amended

LOCATION: Town Creek is located one mile southwest of McClellanville, SC.

DESCRIPTION: The project provides an inner channel ten feet deep by 80 feet wide from the AIWW to the mouth of Five Fathom Creek, a distance of 6.2 miles and also includes an entrance channel twelve feet deep by 100 feet wide across the ocean bar, a distance of 4.0 miles.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>O&amp;M</u>
Allocation thru FY 2004	\$9,636,000
Allocation for FY 2005	392,900
Allocation for FY 2006	407,000
Allocation for FY 2007	480,000

FY 2007 ACTIVITIES: Perform maintenance dredging in the entrance channel.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Maintenance dredging can be completed in FY 2007.

OTHER INFORMATION: The Town of McClellanville, located on Jeremy Creek, is homeport to a large fleet of shrimp boats. Today, the principal economic activity is commercial fishing. The Town of McClellanville's economy is completely dependent on the seafood industry and unimpeded access to the ocean. If access to the open ocean through the Town Creek channel becomes impassable to commercial shrimp trawlers the next closest access is approximately 50 miles away. Alternate access to the ocean from this location requires traveling the AIWW, and since the AIWW is not being maintained this could in effect ground the vessels.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Graham (SC)(R) and Sen. DeMint (SC)(R), Rep. Brown (SC-1)(R)

DISTRICT: Charleston

Date: 2 Apr 07

# ENVIRONMENT

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment Restoration

PROJECT/STUDY NAME: Allatoona Lake, GA

AUTHORIZATION: Water Resources Development Act of 2000

LOCATION: Lake Allatoona is a US Army Corps of Engineers lake located in northwestern metro Atlanta.

DESCRIPTION: Lake Allatoona supplies much of the drinking water for over 400,000 people in Cherokee, Bartow and Cobb Counties. The lake is popular for summer recreation and is one of the most frequently visited USACE lakes in the nation with more than 6 million visitors. The lake is experiencing rapid development and population growth from the expanding metro Atlanta area. As a result of this growth, key issues facing the Lake Allatoona/Upper Etowah River Watershed include ecosystem deterioration, water supply protection/conservation, waste load capacity, loss of critical habitat for fish and wildlife, and shoreline erosion and sedimentation problems.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 3,100
Estimated Non-Federal Cost	3,100
Cash	3,100
Other	0
Total Estimated Cost	\$ 6,200
Allocation thru 2004	\$ 647
Allocation for FY 2005	367
Allocation for FY 2006	447
Allocation for FY 2007	500
Balance to Complete after FY 2007	1,139
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue Monitoring Plan and complete pollutant load and reservoir forecasting model.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: The purpose of this study is to develop for local implementation a Watershed Protection Plan (WPP) for the entire Lake Allatoona Watershed. The WPP will be used to guide and implement management decisions in the watershed necessary to protect water resources. The WPP is comprised of two components, the Monitoring Plan and the Watershed Assessment.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Isakson (GA)(R), Sen. Chambliss (GA)(R), Rep. Price (GA-6)(R), Rep. Gingrey (GA-11)(R) and Rep. Linder (GA-7)(R).

DISTRICT: Mobile

Date: 2 April 2007



FACT SHEET  
INVESTIGATIONS

BUSINESS PROGRAM: Environmental Restoration

PROJECT/STUDY NAME: Indian, Sugar, Intrenchment and Snapfinger Creeks, GA

AUTHORIZATION: Resolution adopted Sep 28, 1994 by House Committee on Public Works and Transportation

LOCATION: The study area is in Metropolitan Atlanta, GA.

DESCRIPTION: The study will be conducted to develop portions of a comprehensive watershed plan for metropolitan Atlanta, including Indian, Sugar, Intrenchment and Snapfinger Creeks. Development of portions of the master plan will be based on a thorough assessment of the changes in stream hydrology, morphology, water quality, habitat ecology.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 2,250
Estimated Non-Federal Cost	2,250
Cash	1,125
Other	1,125
Total Estimated Cost	\$ 4,500
Allocation thru 2004	\$ 173
Allocation for FY 2005	145
Allocation for FY 2006	297
Conference Amount for FY 2007	0
Allocation for FY 2007	300
Balance to Complete after FY 2007	1,335
Benefit to Cost Ratio Applicable rate (%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete existing condition H&H modeling, perform additional biological assessment of the watersheds and evaluate project alternatives.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2009

OTHER INFORMATION: Rapid urbanization in the metro Atlanta area over the last decades has resulted in increased magnitude and frequency of severe floods; increased streambank erosion; depreciated water quality; a reduced diversity and abundance of aquatic insects and fish; and increased destruction of wetlands, riparian buffers, and springs.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Isakson (GA) (R), Sen. Chambliss (GA) (R), Rep. Johnson (GA-4) (D) and Lewis (GA-5) (D).

DISTRICT: Mobile

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Restoration

PROJECT/STUDY NAME: Philpott Lake, Virginia (Section 216)

AUTHORIZATION: Section 216 of Public Law 91-611, the River and Harbor and Flood Control Act of 1970, as amended (Review of completed projects).

LOCATION: Philpott Lake is located in Virginia, on the Smith River, 44.3 miles above its junction with the Dan River near Eden, North Carolina, and 35 miles from the Virginia-North Carolina State line. At spillway elevation, the reservoir extends upstream about 16 miles. The overall project covers 10,000 acres in Franklin, Henry, and Patrick Counties, Virginia.

DESCRIPTION: Philpott Lake was authorized in 1944 and the U.S. Army Corps of Engineers completed construction in 1953. This project impounded 16 miles of the Smith River. Philpott Lake and the Smith River are significant natural resources for public use and enjoyment and are significant in the regional economy. The dam is operated for peaking hydropower using deep- water (hypolimnetic) releases. The highest flow is peak generation flow, which occurs daily. Between the generation releases, the stream is shallow and slow moving. The regulated releases significantly affect the temperature and flow regimes of the Smith River. There are concerns that Smith River resources including an existing brown trout fishery, native fish and invertebrate habitats, and water quality may be impaired by the operations of Philpott Dam. The Federally listed, endangered Roanoke logperch *Percina rex* is a native fish of the Smith River below Philpott Dam. The study will consider the effects of present operation of the Philpott Lake project on these significant natural resources and the effects of potential changes in operation of and releases from Philpott Dam on the lake and downstream waters.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 1,388
Estimated Non-Federal Cost	1,250
Cash	(1,050)
Other	(200)
Total Estimated Cost	\$ 2,638
Allocation Thru FY 2004	\$ 84
Allocation For FY 2005	40
Allocation For FY 2006	99
Conference Amount for FY 2007	115
Allocation For FY 2007	115
Balance to Complete after FY 2007	1,050
Benefit to Cost Ratio Applicable rate (NA%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Initiate the feasibility phase with limited carry-in funds, an allocation of \$115,000, and matching sponsor's work-in-kind. Complete stage one determination of existing data and preparation of scopes of work for additional technical studies, data collection, and modeling.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012

OTHER INFORMATION: The Smith River and the fishery downstream of Philpott Lake are important to the economy of south central Virginia. Restoration of habitat for the Federally listed Roanoke logperch will be considered under the provisions of the Endangered Species Act.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Goode (VA-05) (R) and Rep. Boucher (VA-09) (D)

DISTRICT: Wilmington

Date: 2 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION  
Continuing Authorities Program  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: La Esperanza Peninsula Restoration, San Juan, Puerto Rico

AUTHORIZATION: Section 1135, of the 1990 Water Resources Development Act

LOCATION: The project area is located in San Juan Bay near the municipality of Cataño in Puerto Rico.

DESCRIPTION: The recommended plan involves cutting a channel through the shortest point of northeastern section of the peninsula to allow for free flow of sea water into the area for improving water quality and diversity of fish and wildlife. In addition, the material excavated from the gap will be used to create additional mangrove cover area. The planting of mangroves will provide shelter for various forms of marine life

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>D&amp;I</u>
Estimated Federal Cost	\$ 2,495
Estimated Non-Federal Cost	830
Cash	650
Other	180
Total Estimated Cost	\$ 3,325
Allocation thru FY 2004	\$ 1,539
Allocation for FY 2005	36
Allocation for FY 2006	570
Allocation for FY 2007	350
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___ %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Make final payment on an outstanding claim.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project was completed in December 2004. No further action required.

OTHER INFORMATION: Project was transferred to the local sponsor in March 2005.

ADMINISTRATION POSITION: Consistent with Administration policy but fully funded

CONGRESSIONAL INTEREST: Resident Commissioner Luis Fortuño

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment - Ecosystem Restoration (Section 206)

PROJECT/STUDY NAME: Pocotaligo River and Swamp, Sumter, SC

AUTHORIZATION: Section 206, WRDA 1996 (P.L. 104-303), as amended

LOCATION: The aquatic ecosystem restoration project is located in Sumter and Clarendon Counties, South Carolina.

DESCRIPTION: Pocotaligo Swamp has elevated water levels in the portion of the swamp between Sumter and Manning. Over the past years, these elevated water levels have caused the over story canopy to die and expose the swamp waters to sunlight. The presence of sunlight provides the means whereby nuisance aquatic weeds propagate, thus additionally elevating the water levels. Thirty miles of the stream will have a 20-foot wide channel cleared of debris. All cleared debris will be laid off to the side of the cleared channel.

<u>SUMMARIZED FINANCIAL DATA:</u>	FY 2007
	<u>Design and Implementation</u>
Estimated Federal Cost	\$ 805,000
Estimated Non-Federal Cost	433,000
Cash	(373,000)
Other	(60,000)
Total Estimated Cost	1,238,000
Allocation thru 2004	241,000
Allocation for FY 2005	14,000
Allocation for FY 2006	5,000
Allocation for FY 2007	545,000
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Finalize technical review of plans and specs and award a construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: The Project Cooperation Agreement was executed on 29 January 2004.

ADMINISTRATION POSITION: The Administration supports aquatic ecosystem restoration projects.

CONGRESSIONAL INTEREST: Rep. Spratt (SC-5)(D), Rep. Clyburn (SC-6)(D)

DISTRICT: Charleston

Date: 2 Apr 07

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Restoration

PROJECT/STUDY NAME: Three-Mile Creek, AL

AUTHORIZATION: Section 1135 of the Water Resources Development Act of 1986, as amended

LOCATION: Mobile, AL

DESCRIPTION: Three Mile Creek runs through the City of Mobile to enter the Mobile River. The creek runs through numerous residential and commercial neighborhoods. A large portion of the channel has been improved for the benefit of flood control. In the area of concern, the existing channel was cutoff and flow through the old channel has been severely reduced. There appears to be an opportunity at the site for aquatic habitat restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$250
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$250
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	40
Allocation for FY 2007	135
Balance to Complete after FY 2007	75
Benefit to Cost Ratio Applicable rate (7 3/4%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue work on planning and design analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: The Preliminary Restoration Plan was approved in FY 2003.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Shelby (AL)(R), Sen. Sessions (AL)(R) and Rep. Bonner (AL-1)(R)

DISTRICT: Mobile

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment - Ecosystem Restoration (Section 206)

PROJECT/STUDY NAME: Wilson Branch, SC

AUTHORIZATION: Section 206, WRDA 1996 (P.L. 104-303), as amended

LOCATION: The aquatic ecosystem restoration project is located at Cheraw, SC, in Chesterfield County SC, approximately 82 miles northeast of Columbia, SC.

DESCRIPTION: There is bank erosion upstream of the Wilson Branch Flood Control Project, (a previous Corps project, 1983-94, where structures were removed within the floodplain). Two forks drain half of the town flow into Wilson Branch and have caused significant erosion. The upper end of each fork is experiencing bank sloughing and ultimately the loss of private property. The proposed project consists of constructing 10 stone weirs cross vanes and restoration of approximately three acres of bottomland hardwoods.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Design and Implementation</u>
Estimated Federal Cost	\$ 177,000
Estimated Non-Federal Cost	95,000
Cash	(59,000)
Other	(36,000)
Total Estimated Cost	\$ 272,000
Allocation thru 2004	86,000
Allocation for FY 2005	0
Allocation for FY 2006	36,000
Allocation for FY 2007	55,000
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate ( %)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Finalize technical review of plans and specs, execute a Project Cooperation Agreement and award a construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Rep. Spratt (SC-5)(D)

DISTRICT: Charleston

Date: 2 April 07



# HYDROPOWER

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Hydropower

PROJECT/STUDY NAME: Walter F. George Powerhouse Rehabilitation

AUTHORIZATION: Section 2 of the River and Harbor Act of 1945, further modified by the River and Harbor Act of 1946.

LOCATION: The powerhouse is located on the Chattahoochee River at Fort Gaines, GA approximately 50 miles south of Columbus, GA and 84 miles southeast of Montgomery, AL.

DESCRIPTION: The powerhouse currently produces 144 megawatts of electrical energy. The purpose of the project is to extend the life of power generating equipment within the powerhouse by rehabilitating four generator units. The major project components include replacement of turbines and governors, replacement of generator stator core, new generator winding and new static excitation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$50,958
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$50,958
Allocation thru 2004	\$23,937
Allocation for FY 2005	4,820
Allocation for FY 2006	5,480
Allocation for FY 2007	16,723
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7 3/4%)	4.0
Benefit to Cost Ratio at 7%	5.1
Remaining Benefits Remaining Costs Ratio at 7%	4.6

FY 2007 ACTIVITIES: Units 1 was completed in Dec 06. Unit 2 will be completed in June 07. Rehabilitation of Unit 3 will be initiated in June 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: Unit 3 will be completed in June 08 and Unit 4 will be initiated in June 08 and completed in FY 09.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Sen. Isakson (GA)(R), Sen. Chambliss (GA)(R), Rep. Bishop (GA-2)(D), Sen. Shelby (AL)(R), Sen. Sessions (AL)(R) and Rep Everett (AL-2)(R)

DISTRICT: Mobile

Date: 2 April 2007

# WATER SUPPLY

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure

PROJECT/STUDY NAME: Florida Keys Water Quality Improvements Program, Florida

AUTHORIZATION: Public Law 106-554, Section 109

LOCATION: The program's improvements are located in the Florida Keys, on the southern tip of Florida.

DESCRIPTION: The primary objective of the Florida Keys Water Quality Improvements Program is to improve the quality of nearshore waters within the Florida Keys National Marine Sanctuary, the nation's largest marine protected area, with the construction of both stormwater and wastewater treatment facilities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 100,000
Estimated Non-Federal Cost	53,800
Cash	0
Other	53,800
Total Estimated Cost	\$ 153,800
Allocation thru FY 2004	\$ 600
Allocation for FY 2005	1,418
Allocation for FY 2006	1,822
Allocation for FY 2007	3,000
Balance to Complete after FY 2007	96,160
Benefit to Cost Ratio Applicable rate (___%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Funds will be used to partially reimburse the local sponsors for construction of wastewater and stormwater treatment facilities within municipalities located in the Florida Keys. The first projects to be constructed as part of the program are the Key Colony Beach Sanitary Sewer Rehabilitation project and one of Key West's stormwater projects.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion of reimbursement is contingent upon future appropriations.

OTHER INFORMATION: The Sanctuary includes 2800 square miles of nearshore waters extending from just south of Miami to the Dry Tortugas. Adjacent to the Florida Keys land mass are spectacular, unique and nationally significant marine environments, including seagrass meadows, mangrove islands, and extensive living coral reefs. This area contains the nation's largest living coral reef with four million people per year visiting the reef to view its living beauty. The Sanctuary's water quality, affected by

human development of the adjoining Keys and other factors, influences the coral reef and the multitude of living organisms dependent on the reefs. The BCR information is not applicable to this environmental infrastructure project.

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Rep. Ros-Lehtinen (FL-18)(R)

DISTRICT: Jacksonville

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure

PROJECT/STUDY NAME: Lakes Marion and Moultrie, SC

AUTHORIZATION: P.L. 102-580, Sec. 219, and P.L. 106-53, Sec. 502(f)(25) authorized construction assistance and \$5,000,000 for water supply treatment and distribution projects, as amended by P.L. 106-554, Sec. 108(c)(4) for \$15,000,000, as amended by P.L. 108-137, Sec. 126 for \$35,000,000 and authorized wastewater treatment in addition to water supply.

LOCATION: Central South Carolina

DESCRIPTION: Using Lake Marion as a source, the system will provide potable water to satisfy the immediate and future water supply and sewer needs for a large portion of five counties and six municipalities located in central South Carolina in the proximity of Lake Marion. The proposed project includes construction of an 8 MGD (million gallon per day) water treatment plant, installation of approximately 62 miles of water transmission pipeline (includes six separable reaches), and installation of a sewer component.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 62,206,000
Estimated Non-Federal Cost	20,736,000
Cash	18,786,000
Other	1,950,000
Total Estimated Cost	\$ 82,942,000
Allocation thru FY 2004	\$ 10,418,000
Allocation for FY 2005	2,665,000
Allocation for FY 2006	5,940,000
Conference Amount for FY 2007	0
Allocation for FY 2007	6,300,000
Balance to Complete after FY 2007	36,883,000
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio (7%)	NA

FY 2007 ACTIVITIES: Complete construction of the water treatment plant and construction of a portion of the transmission line to the Town of Santee.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: This project has been a Congressional add to the budget every year since FY 2001. The U.S. Army Corps of Engineers currently has authority to expend \$35 million for planning, engineering, design, and construction assistance.

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Sen. Graham (SC)(R) and Sen. DeMint (SC)(R), Rep. Clyburn (SC-6)(D)

DISTRICT: Charleston

Date: 2 Apr 07



SOUTH PACIFIC DIVISION  
ENACTED FACT SHEETS, FY 2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Carpinteria Shoreline Study, CA

AUTHORIZATION: Flood Control Act 1965, Section 208

LOCATION: The City of Carpinteria is located on the Santa Barbara County coast 80 miles north of Los Angeles, 15 miles north of Ventura, and 12 miles south of Santa Barbara. The study area is between Ash Ave. and Linden Ave.

DESCRIPTION: The study reach is about 1,300 feet of shoreline. There are approximately 13 structures affected by shoreline erosion and wave attacks. The structures behind the fronting properties may be affected by coastal flooding during storms. The study will investigate shoreline protection and coastal storm damage reduction along the Carpinteria shoreline.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$1,108
Estimated Non-Federal Cost	1,108
Cash	684
Other	424
Total Estimated Cost	\$2,216
Allocation thru 2004	\$44
Allocation for FY 2005	129
Allocation for FY 2006	99
Allocation for FY 2007	170
Balance to Complete after FY 2007	666
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue coastal engineering and economic analysis. Complete without project conditions (F3) milestone.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Capps** (CA-23)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Coast of California, Los Angeles County, CA

AUTHORIZATION: Flood Control Act of 1965, Section 208 (PL 89-298)

LOCATION: The study is located along the coastline of Los Angeles County in Southern California. The 80 mile coastline extends from Point Dume southward to the San Gabriel River.

DESCRIPTION: The purpose of this study is to establish the coastal processes along Los Angeles County's shoreline through oceanographic data collection and beach survey efforts, culminating in developing sediment budgets, predicting future shoreline changes, and developing a sand management plan for Los Angeles County.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	Study \$2,620
Estimated Non-Federal Cost	2,620
Cash	1,158
Other	1,462
Total Estimated Cost	\$5,240
Allocation thru 2004	\$1,341
Allocation for FY 2005	357
Allocation for FY 2006	99
Allocation for FY 2007	365
Balance to Complete after FY 2007	458
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue sediment budget analysis. Complete wave climate analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Waxman** (CA-30), **Roybal-Allard** (CA-34), **Harman** (CA-36), **Rohrabacher** (CA-46).

DISTRICT: Los Angeles

Date: 4 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Coyote Dam, CA

AUTHORIZATION: WRDA 1999, Section 526

LOCATION: The study area is located on the east fork of the Russian River near the city of Ukiah, California.

DESCRIPTION: The study is evaluating the deferred water supply element of the authorized Federal project and the need for additional flood control as potential improvements to the dam.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Recon</u>	<u>FY 2007 (\$000)</u> <u>Feasibility</u>
Estimated Federal Cost	\$153	\$2,899
Estimated Non-Federal Cost	0	2,899
Cash	0	2,899
Other	0	0
Total Estimated Cost	\$153	\$5,798
Allocation thru FY 2004	\$ 147	\$ 0
Allocation for FY 2005	6	0
Allocation for FY 2006	0	99
Allocation for FY 2007	0	300
Balance to Complete after FY 2007	0	2,500
Benefit to Cost Ratio Applicable rate (___%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

FY 2007 ACTIVITIES: Feasibility public scoping meetings (04/07), geotechnical investigation and topographic survey contracts scopes of work (06/07).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2011.

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Laguna Creek Watershed, CA

**AUTHORIZATION:** Section 411 of the Water Resources Development Act (WRDA) of 2000 (Public Law 106-541)

**LOCATION:** Line E, Fremont, Alameda County, California

**DESCRIPTION:** The watershed drains into the San Francisco Bay and covers an area of more than 25 square miles. The study will evaluate potential alternatives for flood damage reduction in the densely populated Fremont area. Historically, there has been significant flooding along Line E and its tributaries. One of the planning objectives is to construct improvements along Line E and its tributaries to reduce the risk of flooding and the need for FEMA flood insurance.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000) Recon</u>	<u>FY 2007 (\$000) Feasibility</u>
Estimated Federal Cost	\$135	\$2,250
Estimated Non-Federal Cost	0	\$2,250
Cash	0	0
Other	0	\$2,250
Total Estimated Cost	\$135	\$4,500
Allocation thru FY 2004	\$ 48	\$ 0
Allocation for FY 2005	14	0
Allocation for FY 2006	38	35
Allocation for FY 2007	35	65
Balance to Complete after FY 2007	0	2,150
Benefit to Cost Ratio Applicable rate (___%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

**FY 2007 ACTIVITIES:** Prepare, negotiate and sign Feasibility Cost Sharing Agreement. Initiate Feasibility phase in late FY 07.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Optimal funding would enable feasibility study completion by end of FY 2011.

**OTHER INFORMATION:** The Feasibility Cost Sharing Agreement is currently being negotiated with the local sponsor. The Sponsor has expressed interested in a Phased Feasibility Study (and thus Phased FCSA).

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Stark CA-13

**DISTRICT:** San Francisco

Date: 04 April 2007

FACT SHEET  
 INVESTIGATIONS / CONSTRUCTION  
 Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Llagas Creek, CA

AUTHORIZATION: Water Resources and Development Act (WRDA) of 1999 (Public Law 106-53, Section 501(a))

LOCATION: Morgan Hill, San Martin and Gilroy, Santa Clara County, California

DESCRIPTION: Llagas Creek is a conduit to the Pajaro River and the Monterey Bay and is especially prone to flooding, having recorded floods in 1937, 1955, 1962, 1963, 1969, 1982, 1997 and 1998. Congress authorized USACE to assume the completion of the project from the Natural Resources Conservation Service, who initiated project construction in 1973, and completed half of the originally authorized project. The project consists of channel improvements, and a diversion channel providing a 100-year level of protection to urban areas and between 5-10-year level of protection to agricultural areas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>PED</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 3,900	\$ 65,000 1/
Estimated Non-Federal Cost	0	40,000 2/
Cash	0	0
Other	0	40,000
Total Estimated Cost	\$ 3,900	\$105,000
Allocation thru FY 2004	\$ 2,626	\$ 2,626
Allocation for FY 2005	210	321 3/
Allocation for FY 2006	446	446
Allocation for FY 2007	250	250
Balance to Complete after FY 2007	368	61,357 1/
Benefit to Cost Ratio Applicable rate (5-3/8%)		0.23
Benefit to Cost Ratio at 7%		0.21
Remaining Benefits Remaining Costs Ratio (7%)		0.18
1/ Includes the PED.		
2/ Cost of land only.		
3/ \$111 received under CG appropriation.		

FY 2007 ACTIVITIES: Continue the sediment transport evaluation and final levee designs, as well as to work on 2<sup>nd</sup> administrative draft of the Supplemental Environmental Impact Statement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Depending on Congressional legislation and optimal funding, the earliest attainable PED completion is FY 2008.

OTHER INFORMATION: A preliminary economic analysis indicated a BCR of 0.23, thereby stopping study efforts. Congressman Pombo and LTG Carl Strock met in FY 05 and agreed that clearer and directive Congressional language is needed for USACE to initiate construction. Pending this language, HQ permission is sought each fiscal year in order to expend any annual appropriation.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: McNerney CA-11, Lofgren CA-16, Farr CA-17

DISTRICT: San Francisco  
Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Los Angeles County Dredging Material Management Plan (DMMP), CA

AUTHORIZATION: WRDA 92, Sec 204 (as amended by WRDA 96, Sec 207)

LOCATION: Los Angeles River Estuary (Long Beach), Port of Long Beach, Port of Los Angeles, and Marina del Rey are located within the coastal waters of LA County.

DESCRIPTION: The project will create regional strategy for removing the majority of sediments, managing disposal of contaminated sediments, and identifying disposal site.

	FY 2007
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$2,038
Estimated Non-Federal Cost	2,038
Cash	(0)
Other	(2,038)
Total Estimated Cost	\$4,076
Allocation thru 2004	\$583
Allocation for FY 2005	564
Allocation for FY 2006	841
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___ %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue the tracer study on the Los Angeles River Estuary sediment, initiate the development of the draft (O&M) plan, continue Public Draft Programmatic EIS. Complete draft management report and programmatic EIS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility completion in FY 2007.

OTHER INFORMATION: Contaminated sediments in Marina del Rey, the Los Angeles River Estuary, and the Ports of Los Angeles and Long Beach must be removed to ensure navigational safety and to provide for port expansion.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons **Waxman** (CA-30), **Harman** (CA-36), Rohrabacher (CA-46)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Malibu Creek Watershed, California

AUTHORIZATION: Committee on Public Works and Transportation 5 Feb 1992

LOCATION: The study is located 30 miles northwest of the city of Los Angeles. Malibu Creek Watershed is within Santa Monica Mountains.

DESCRIPTION: Malibu Creek drains into Malibu Lagoon and Santa Monica Bay. Rindge Dam, built in 1920's, creates a barrier to the endangered steelhead trout's spawning ground, upstream of Malibu Creek. Study will develop methods to manage the sediment to facilitate ongoing efforts to improve ecosystem in Malibu Creek and lagoon.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$1,550
Estimated Non-Federal Cost	1,550
Cash	1,465
Other	85
Total Estimated Cost	\$3,100
Allocation thru 2004	\$595
Allocation for FY 2005	263
Allocation for FY 2006	84
Allocation for FY 2007	450
Balance to Complete after FY 2007	158
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete Analysis of Alternatives, Alternative Formulation Briefing, Public Draft Report, and Feasibility Review Conference.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility completion in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Gallegly** (CA-24), **Waxman** (CA-30)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Ocean Beach, San Francisco, CA

AUTHORIZATION: House Resolution, adopted 3 August 1989

LOCATION: San Francisco, California

DESCRIPTION: Shoreline erosion threatens municipal infrastructure.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$1,400
Estimated Non-Federal Cost	1,400
Cash	800
Other	600
Total Estimated Cost	\$2,800
Allocation thru FY 2004	\$ 5
Allocation for FY 2005	158
Allocation for FY 2006	198
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,039
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue coastal engineering data gathering, surveys, and prepare sediment transport report

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2010.

OTHER INFORMATION: Based on preliminary screening of alternatives, the Sponsor has submitted a request for the Corps to initiate a section 933 study to place dredged sands on the eroded shoreline.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Pelosi CA-08, Lantos CA-12

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Pajaro River, CA

AUTHORIZATION: Original Reevaluation Authorization for Construction: Flood Control Act of 1996 (Public Law 89-789, November 7, 1966). Current Reevaluation Study: Water Resources Development Act (WRDA) of 1990 (Section 107, Public Law 101-640, November 28, 1990)

LOCATION: City of Watsonville and town of Pajaro, Monterey and Santa Cruz Counties, CA

DESCRIPTION: The Pajaro River Flood Control study is evaluating alternatives for reducing flood damages to the City of Watsonville area along the Corralitos Creek, beginning upstream of Green Valley Road, continuing east to the confluence of Salsipuedes Creek to Pajaro River and along the Pajaro River from mile 12/5 to the east of Watsonville, to the river's mouth at the Pacific Ocean to the west.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$13,260
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$13,260
Allocation thru FY 2004	\$ 5,736
Allocation for FY 2005	526
Allocation for FY 2006	753
Allocation for FY 2007	1,110
Balance to Complete after FY 2007	5,135
Benefit to Cost Ratio Applicable rate (5.625%)	3.43
Benefit to Cost Ratio at 7%	2.55
Remaining Benefits Remaining Costs Ratio at 7%	2.72

FY 2007 ACTIVITIES: Finalize alternative evaluation, complete cost estimates, environmental studies and documentation and submit the Draft General Reevaluation Report and Environmental Impact Statement for Public review by January 2008.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable PED completion in FY 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Farr CA-17

DISTRICT: San Francisco

Date: 04 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Peninsula Beach, CA

AUTHORIZATION: House Committee on Public Works and Transportation adopted 28 Sep 04

LOCATION: The study is located along the Pacific Ocean just west of the entrance to Alamitos Bay and north of the Long Beach breakwater.

DESCRIPTION: The study will investigate the ongoing beach erosion problems along the shoreline in Long Beach, California and will develop alternative solutions. Average rate of erosion is estimated to be 10 to 30 ft per year along the 100-ft wide beach.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$430
Estimated Non-Federal Cost	430
Cash	(270)
Other	(160)
Total Estimated Cost	\$860
Allocation thru 2004	\$123
Allocation for FY 2005	0
Allocation for FY 2006	305
Allocation for FY 2007	2
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete the Feasibility Study Conference.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility completion in FY 2007.

OTHER INFORMATION: The City of Long Beach currently maintains a protective beach at Peninsula Beach by backpassing sediments. Failure to continue to backpass sediment will result in erosion of the beach to the 1920 vintage timber bulkhead currently protecting the residents of Peninsula Beach against wave attack and inundation.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressperson **Rohrabacher** (CA-46)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Sacramento-San Joaquin Delta, CA

AUTHORIZATION: Senate Resolution, 1 June 1948

LOCATION: The study area is located in Sacramento, San Joaquin, and Contra Costa counties, California and extends from Walnut Grove south to the city of Tracy and from the city of Stockton west to Suisun Bay. The Sacramento-San Joaquin Delta consists of about 740,000 acres of land segregated into some 80 tracts and islands and 1,100 miles of levees.

DESCRIPTION: The purpose of the study is to produce a regional planning report for flood reduction, salinity intrusion caused by levee failures, navigation, recreation, fish and wildlife, and long term management of the complex island/waterway network in the Delta.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Feasibility</u>
Estimated Federal Cost	\$ 7,755
Estimated Non-Federal Cost	4,790
Cash	4,790
Other	0
Total Estimated Cost	\$12,545
Allocations thru FY 2004	\$ 5,302
Allocations for FY 2005	0
Allocation for FY 2006	49
Allocation for FY2007	0
Balance to Complete after FY 2007	2,404
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: None scheduled.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: See "Other Information."

OTHER INFORMATION: This study is part of the CALFED process and led to several other Corps studies. The study is currently inactive.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Miller (CA-7); Tauscher (CA-10); McNerney (CA-11); Senators Feinstein and Boxer (CA)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** Sacramento-San Joaquin Delta, Delta Islands and Levees, CA

**AUTHORIZATION:** Senate Resolution, 1 June 1948; Conference Report 108-357 dated 7 November 2003 of the Energy and Water Development Appropriations Act, 2004

**LOCATION:** The study area is located in Sacramento, San Joaquin, and Contra Costa counties, California and extends from Sacramento south to the city of Stockton and west to Suisun Bay. The Sacramento-San Joaquin Delta consists of about 740,000 acres of land segregated into some 80 tracts and islands and 1,100 miles of levees.

**DESCRIPTION:** This study will develop the long-term strategy for Corps projects in the Delta region. The study will assess existing and future flood risks in the Delta, as well as water supply, ecosystem restoration and recreation needs, and develop a comprehensive vision and roadmap for Corps involvement. This study incorporates the results of the State's Delta Risk Management Study (DRMS).

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Feasibility</u>
Estimated Federal Cost	\$ 6,000
Estimated Non-Federal Cost	6,000
Cash	0
Other	6,000
Total Estimated Cost	\$12,000
Allocations thru FY 2004	\$ 0
Allocations for FY 2005	0
Allocation for FY 2006	214
Allocation for FY2007	800
Balance to Complete after FY 2007	4,986
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

**FY 2007 ACTIVITIES:** Continue feasibility phase.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Optimal funding would enable completion of feasibility phase in FY 2009.

**OTHER INFORMATION:** The study is part of the CALFED process, closely associated with the Levee System Integrity and Environmental Restoration Programs. USACE is the Federal lead. USACE is evaluating all islands in the Delta to investigate flood protection and ecosystem restoration opportunities. The Feasibility Cost Sharing Agreement was signed 25 May 2006.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Miller (CA-7); Tauscher (CA-10); McNerney (CA-11); Senators Feinstein and Boxer (CA)

**DISTRICT:** Sacramento

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: San Diego County Shoreline, CA

AUTHORIZATION: Water Resources Development Act 2000, Section 414

LOCATION: The study area is located along the San Diego County, CA coastline and is bordered by Mexico to the south and Orange County to the north.

DESCRIPTION: The study assesses the impacts of the Federal navigation features at Oceanside/Camp Pendleton harbor to the shoreline recession problem currently experienced at the city of Oceanside.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$2,900
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$2,900
Allocation thru 2004	1,198
Allocation for FY 2005	204
Allocation for FY 2006	99
Allocation for FY 2007	350
Balance to Complete after FY 2007	1,049
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue plan formulation, and economics, environmental, and coastal engineering analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility completion in FY 2009.

OTHER INFORMATION: Section 414 of WRDA 2000 directs a study of plans to mitigate for erosion and other impacts resulting from the construction of Camp Pendleton Harbor, as a wartime measure; and restore beach conditions along the affected public and private shores to the conditions that existed before the construction of the harbor.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Issa** (CA-49), **Davis** (CA-53)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** San Francisquito Creek, CA

**AUTHORIZATION:** Section 4 of Flood Control Act, 1941

**LOCATION:** San Francisquito Creek is located about 22 miles south of San Francisco, CA.

**DESCRIPTION:** San Francisquito Creek has an inadequate carrying capacity due to vegetation sedimentation, land subsidence, levee settlement and erosion. Flooding on the creek affects the city of Menlo Park in San Mateo County, and Palo Alto and East Palo Alto in Santa Clara County. San Francisquito Creek starts at the base of Searsville Dam at Stanford University and flows into the San Francisquito Bay about 2.5 miles south of the Dumbarton Bridge. As a result of record rainfall in February 1998, San Francisquito Creek overtopped its banks, affecting approximately 1,700 residential and commercial structures and causing more than \$26.6 million in property damages. The study will evaluate potential improvement plans to help alleviate flooding problems, as well as address environmental degradation of the watershed.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	<b><u>FY 2007 (\$000)</u></b>
	<b><u>Feasibility</u></b>
Estimated Federal Cost	\$3,732
Estimated Non-Federal Cost	3,732
Cash	3,139
Other	593
Total Estimated Cost	\$7,464
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	216
Allocation for FY 2007	300
Balance to Complete after FY 2007	3,216
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Funds will be used to continue feasibility study, which would include the completion and certification of the hydrologic analysis; completion of survey and mapping; completion of biological assessment; and initiation of the without-project hydraulic analysis.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Optimal funding would enable feasibility study completion in FY 2012.

**OTHER INFORMATION:** FCSA was signed in November 2005. Members of the San Francisquito Creek Joint Powers Authority (JPA) include the cities of East Palo Alto, Palo Alto and Menlo Park, the San Mateo County Flood Control District, and the Santa Clara Valley Water District. All five members must agree on all major decisions.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Lantos CA-12, Eshoo CA-14

**DISTRICT:** San Francisco  
Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Solana/Encinitas Beach, CA

AUTHORIZATION: Committee of Transportation and Infrastructure, 22 April 1999

LOCATION: The study area is located along the southern California coastline in the cities of Encinitas and Solana Beach, San Diego County, California

DESCRIPTION: The environmental restoration study will evaluate alternatives on reducing the rate of bluff erosion and environmental restoration and/or enhancement of the San Elijo Lagoon.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$1,725
Estimated Non-Federal Cost	575
Cash	575
Other	0
Total Estimated Cost	\$2,300
Allocation thru 2004	\$0
Allocation for FY 2005	0
Allocation for FY 2006	133
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,592
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete the additional environmental and engineering analysis and Feasibility Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable PED phase completion by FY 2010.

OTHER INFORMATION: Cost has increased due to public and agency concerns of migrating sand covering reef habitat requiring additional engineering and environmental studies and reformulation of alternatives. Plan is being revised to a smaller Federal Project with minimal environmental impacts and cost.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Bilbray** (CA-50), Senator Boxer

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** South San Francisco Shoreline, CA

**AUTHORIZATION:** House Resolution Docket 2697 dated July 24, 2002, WRDA (PL 94-578), Section 142, amended by WRDA 86 (PL 99-662)

**LOCATION:** Study area is located along the shoreline of South San Francisco Bay, CA, extending from the City of Palo Alto to the City of San Leandro and includes 15,100 acres of salt ponds.

**DESCRIPTION:** The study will re-examine tidal and fluvial flooding problems and potential alternative solutions as well as opportunities to restore wetland habitat along the bay shoreline that would support threatened and endangered species including the salt marsh harvest mouse and the California clapper rail.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 7,815
Estimated Non-Federal Cost	7,815
Cash	1,587
Other	6,228
Total Estimated Cost	\$15,630
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	5
Allocation for FY 2006	705
Allocation for FY 2007	1,300
Balance to Complete after FY 2007	5,805
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** FY 07 funds will be used to continue feasibility technical analysis for the without project conditions (F3) milestone.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The Feasibility study for the first Interim study is scheduled to be completed in FY 2010.

**OTHER INFORMATION:** A Feasibility Cost Sharing Agreement for the first interim study report for the Santa Clara County and Alviso Ponds was signed on September 26, 2005 and feasibility was initiated. The without project Feasibility Scoping Meeting (F3) Conference is scheduled for May 2008.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Lantos CA-12, Stark CA-13, Eshoo CA-14, Honda CA-15, Lofgren CA-16

**DISTRICT:** San Francisco

Date: 04 Apr 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Southwest Valley Flood Damage Reduction Study, Albuquerque, New Mexico

AUTHORIZATION: Flood Control Act of 1941 and Section 442 of WRDA 2000.

LOCATION: The project is located in the southwest portion of the greater Albuquerque metropolitan area. The study area includes the 22.5 square miles southwest valley drainage area and the 147.5 square mile west mesa contributing area.

DESCRIPTION: The project will reduce flood damages to Albuquerque's southwest valley. The project includes improvements to existing drains, construction of detention basins, additional channels, and an outlet structure to the Rio Grande.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 (\$000)	
	<u>PED</u>	<u>Construction 1/</u>
Estimated Federal Cost	\$ 1,519	\$15,600
Estimated Non-Federal Cost	507	8,400
Cash	( 507)	( 8,400)
Other	( 0)	( 0)
Total Estimated Cost	\$ 2,026	\$24,000
Allocation thru FY 2004	\$ 256	\$ 256
Allocation for FY 2005	493	493
Allocation for FY 2006	495	495
Allocation for FY 2007	275	275
Balance to Complete After FY 2007	0	14,081
Benefit to Cost Ratio Applicable Rate (5-5/8%)	1.4	1.4
Remaining Benefits Remaining Costs Ratio (7%)	1.4	1.4

1/ Includes Preconstruction Engineering and Design (PED)

FY 2007 ACTIVITIES: Complete preconstruction engineering and design.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: Optimal funding would enable initiation of construction if authorized.

OTHER INFORMATION: Construction of the project is not yet authorized.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Wilson, NM-01

DISTRICT: Albuquerque

Date: 30 March 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME AND STATE: Sparks Arroyo Colonia, El Paso, Texas

AUTHORIZATION: Flood Control Act of 1941

LOCATION: The study area is located along Sparks Arroyo in southern El Paso County, Texas.

DESCRIPTION: The feasibility study will make flood drainage reduction recommendations for Sparks Addition and adjacent colonias.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>FY 2007 (\$000)</u> <u>FEASIBILITY</u>
Estimated Federal Cost	\$ 705
Estimated Non-Federal Cost	705
Cash	( 705)
Other	( 0)
Total Estimated Cost	\$1,410
Allocation thru FY 2004	\$ 97
Allocation for FY 2005	162
Allocation for FY 2006	196
Allocation for FY 2007	125
Balance to Complete After FY 2007	125
Benefit to Cost Ratio Applicable Rate (6-1/8 %)	1.1
Remaining Benefits Remaining Costs Ratio (7%)	1.0

FY 2007 ACTIVITIES: Continue feasibility study to include completing the hydrologic and hydraulic analyses, conduct geotechnical, cultural, environmental, and rights-of-way investigations.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of the feasibility study in August 2008.

OTHER INFORMATION: The study area is close to El Paso's employment centers, which include high concentrations of commercial and industrial development. It is adjacent to the rapidly growing east, northeast, and lower valley sections of El Paso. On June 20, 1999, a thunderstorm centered in the study area, caused flooding in the community of Sparks Addition and closed Interstate 10 for eight hours. Additional flooding occurred in August and September 2006, which resulted in millions of dollars in damages. El Paso was declared a national disaster area. Continued rapid population growth is expected both in the floodplain and in the drainage basin, having doubled to 35,000 since 1990. Much of the growth is in the form of small, unregulated subdivisions (colonias) that has changed land use patterns in the area. As a result, the drainage into the floodplain can be expected to cause greater damages in the future. During a preliminary study review, it was determined that additional sub basins contributed to Sparks Arroyo's flooding problems. The Local Sponsor's hydraulic analysis of these additional sub-basins will be incorporated into the project scope to insure the project provides sufficient flood damage protection for the community.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Reyes, TX-16

DISTRICT: Albuquerque

Date: 30 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Truckee Meadows, NV

AUTHORIZATION: Flood Control Act of 1962, PL 84-874 (76 Stat. 1173, H.R. 13273); WRDA 1988, Sec. 3 (a) (10)

LOCATION: Washoe and Storey counties, NV

DESCRIPTION: The Truckee River basin drains 3,060 square miles in eastern California and western Nevada and empties into Pyramid Lake. The flood of record, January 1997, caused about \$700M in damages. Significant, damaging floods have occurred about every 10 years. The project as authorized for construction in WRDA 1988 includes \$78M for construction of flood protection components, recreation and environmental restoration. In 1992, during Preconstruction Engineering and Design (PED), it was concluded that the project lacked economic feasibility, and was classified as "deferred." In 1994, due to flood threat and high population growth and development, the local sponsor requested reactivation. WRDA 1996 initiated the General Reevaluation Report (GRR) in two phases: 1) reconnaissance; and 2) feature development, cost benefit analysis, and cost allocation. The reconnaissance study (Aug 1997) determined potential construction feasibility of the project. Phase two of the GRR was initiated in 1998 and is ongoing.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>PED</u>
Estimated Federal Cost	\$25,800
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$25,800
Allocation thru 2004	\$13,014
Allocation for FY 2005	2,474
Allocation for FY 2006	3,465
Allocation for FY 2007	1,300
Balance to Complete after FY 2007	5,547
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Continue work on GRR including identification of a multi-purpose (policy compliant) plan and the locally preferred plan. Hold Independent Technical Review, External Peer Review, and Alternative Formulation Briefing (F4A) conference.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY2008

OTHER INFORMATION: This GRR is not subject to cost sharing with the Non-Federal Sponsor. Per memo, CECW-PE, 05 December 1997, subject: Truckee Meadows, Nevada, Submittal of Reconnaissance Report, the study will be financed up-front by the Corps and ultimately cost shared with the non-Federal sponsor during construction of the project.

CONGRESSIONAL INTEREST: Heller (NV-2); Senators Reid and Ensign

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Ventura and Santa Barbara Counties Shoreline, CA

AUTHORIZATION: Flood Control Act of 1965, Section 208

LOCATION: The study area is located along the coastline of Ventura and Santa Barbara counties encompassing approximately 150 miles of the Pacific Ocean coastline.

DESCRIPTION: There is insufficient data of the coastal processes along this area to provide any proposed shoreline protection or storm damage reduction studies and/or projects. This study will define the coastal processes, by expanding the Coast of California Storm & Tidal Wave Study into Ventura & Santa Barbara counties. It will involve a multi-year data collection and analysis effort and assessment of the coastal processes and numerical model future shoreline changes.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$1,390
Estimated Non-Federal Cost	1,390
Cash	805
Other	585
Total Estimated Cost	\$2,780
Allocation thru 2004	\$15
Allocation for FY 2005	40
Allocation for FY 2006	99
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,236
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue coordination with local sponsor. Complete baseline shoreline survey.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressperson **Capps** (CA-23)

DISTRICT: Los Angeles District

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Walnut Creek Basin, Grayson and Murderer's Creeks, CA

AUTHORIZATION: House Resolution 19 Jun 63

LOCATION: The study is located in and around the city of Pleasant Hill in Contra Costa County, California, about 20 miles east of the city of San Francisco.

DESCRIPTION: Completed Walnut Creek Project, which lies adjacent to this project area, was authorized by the FC Act of 1960. As a result of continued rapid urbanization, several tributary channels in the upper Walnut Creek Basin are experiencing flood and drainage problems outside of the existing Walnut Creek Project area. Flooding in 1982, 1983, 1997, and as recently as New Year's weekend 2006, has resulted in damages in the city of Pleasant Hill.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Feasibility Study</u>
Estimated Federal Cost	\$1,820
Estimated Non-Federal Cost	1,820
Cash	1,820
Other	0
Total Estimated Cost	\$3,640
Allocations thru 2004	\$ 241
Allocations for FY 2005	314
Allocations for FY 2006	123
Allocation for FY 2007	200
Balance to Complete after FY 2007	942
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete without project conditions conference (F3) for first phase; revise and update Project Management Plan Phase II budget and schedule.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009.

OTHER INFORMATION: Feasibility Cost Sharing Agreement was executed June 2003. The study is comprised of two phases. The cost estimate represents both phases. A decision will be made whether to proceed to the second phase at the F3 conference. A Schedule and Cost Change Request was signed increasing the estimated amount by \$140,000 to \$3,640,000.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Miller (CA-7); Tauscher (CA-10); McNerney (CA-11)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: SJRB, West Stanislaus, Orestimba Creek, CA

AUTHORIZATION: H.R. 8 May 1964

LOCATION: The project is located in western Stanislaus County, CA, including the town of Newman.

DESCRIPTION: The city suffered flood related losses in 1998, 1995, 1986, 1983, and 1980. Riparian habitat for the endangered Valley Elderberry Longhorn Beetle has also been affected by flooding in the area. Over the past 50 years, changes to the topography and drainage patterns have occurred with the construction of the Delta Mendota Canal, the California Aqueduct and Interstate 5. The study will analyze potential solutions for flood damage reduction, ecosystem restoration, and related purposes for Orestimba Creek. Proposed alternatives include a flood attenuation basin, chevron levee and a hybrid (combination of an attenuation basin and chevron levee).

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$2,964
Estimated Non-Federal Cost	2,964
Cash	2,964
Other	0
Total Estimated Cost	\$5,928
Allocation thru 2004	\$1,573
Allocation for FY 2005	62
Allocation for FY 2006	99
Allocation for FY 2007	400
Balance to Complete after FY 2007	830
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Develop and refine the current alternatives, develop the benefit cost ratios, coordinate alternatives with environmental agencies, development of ecosystem restoration sites, identify the nationally economic development plan, prepare the draft feasibility report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009.

OTHER INFORMATION: Sycamore Grove and other environmental factors are a major environmental concern. The Corps and local sponsor are actively working with local resource agencies to identify ecosystem restoration locations during the development of alternatives.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Cardoza (CA-18); Radanovich (CA-19); Senator Boxer

DISTRICT: Sacramento

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Whitewater River, CA

AUTHORIZATION: Water Resources Development Act 2000, Section 101(b)(10)

LOCATION: The project area is located in Coachella Valley, Riverside County, California

DESCRIPTION: The project consists of constructing four levees to provide flood protection for the southern portion of the alluvial fan, which includes the communities of Palm Springs, Rancho Mirage, Palm Desert, Thousand Palms, and Desert Hot Springs.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$2,409
Estimated Non-Federal Cost	803
Cash	0
Other	0
Total Estimated Cost	\$3,212
Allocation thru 2004	\$1,225
Allocation for FY 2005	89
Allocation for FY 2006	99
Allocation for FY 2007	996
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	0
Benefit to Cost Ratio at 7%	1.10
Remaining Benefits Remaining Costs Ratio at 7%	1.20

FY 2007 ACTIVITIES: Complete the Environmental Assessment and draft the PCA for execution in FY 2008.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable PED phase completion in FY 2007.

OTHER INFORMATION: Design changes may cause project to exceed the 902 limit. Proposed cost saving alternatives will be incorporated into the Intermediate Detail Design Report. A Post-Authorization Decision Document (PADD) may be required.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresswoman **Bono** (CA-45)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Wilson and Oak Glen Creeks, CA

AUTHORIZATION: Resolution by House Committee on Public Works, adopted 8 May 1964.

LOCATION: The study area encompasses approximately 12 square miles in the vicinity of Yucaipa within San Bernardino County, California

DESCRIPTION: The city of Yucaipa's current population is approximately 46,000. Wilson Creek and Oak Glen Creek originate in the San Bernardino Mountains and flow in a south and southwesterly direction and join each other in Yucaipa. The drainage has been altered by urbanization, resulting in changes to the floodway, sediment movement and habitat. Runoff has increased substantially posing an increased flood risk within the city limits. The study will investigate flood control and environmental restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,045
Estimated Non-Federal Cost	1,045
Cash	815
Other	230
Total Estimated Cost	\$2,090
Allocation thru 2004	\$226
Allocation for FY 2005	139
Allocation for FY 2006	396
Allocation for FY 2007	125
Balance to Complete after FY 2007	159
Benefit to Cost Ratio Applicable rate (____%)	0
Benefit to Cost Ratio at 7%	0
Remaining Benefits Remaining Costs Ratio at 7%)	0

FY 2007 ACTIVITIES: Hold without project conditions meetings. If a mutually agreed decision is reached to continue the study, with project conditions portion of the feasibility study will be initiated and the Feasibility Report will be completed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2009.

OTHER INFORMATION: Pending the outcome of the Feasibility Report, a revised cost estimate will be developed due to extended duration of study.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen **Lewis** (CA-41), Baca (CA-43)

DISTRICT: Los Angeles

Date: 4 April 2007



# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME AND STATE: Acequias Irrigation System, New Mexico

AUTHORIZATION: WRDA of 1986.

LOCATION: There are about one thousand recognized acequias throughout the state of New Mexico. Most are located in north-central New Mexico.

DESCRIPTION: Protect and restore river diversions and associated canals of community Acequia systems in New Mexico.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000) CONSTRUCTION</u>
Estimated Federal Cost	\$ 66,000
Estimated Non-Federal Cost	22,000
Cash	( 17,000)
Other	( 5,000)
Total Estimated Cost	\$ 88,000
Allocation thru FY 2004	\$ 21,540
Allocation for FY 2005	424
Allocation for FY 2006	2,302
Allocation for FY 2007	2,400
Balance to Complete After FY 2007	39,334
Benefit to Cost Ratio Applicable Rate (8-7/8%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete construction on Turley Manzanares, initiate plans and specifications on Los Vigiles, initiate and complete plans and specifications on Cuchillo, complete NEPA compliance for four Section 215 projects, and complete construction on two Section 215 projects.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of plans and specifications on Los Vigiles, initiation of construction on Cuchillo, and initiation of plans and specifications on Acequia del Llano.

OTHER INFORMATION: The acequia community ditch systems provide irrigation water to about 160,000 acres on an estimated 12,000 farms. About seventy percent of the farms average less than twenty acres in size and are used for subsistence farming. Acequias have been in existence since the early Spanish Colonization period of the 17th and 18th centuries and represent one of the oldest forms of cooperative institutions in the United States. They are an integral part of the culture and heritage of New Mexico. Justification for the project is based upon the historic and cultural significance the acequias have for the local residents and the major role they play in the overall local economy. Flood damages to the acequia diversion dams and main delivery systems and subsequent interruption of water flow to the systems can have a devastating effect on the irrigators. At the most critical times for irrigation, high flood flows from spring snowmelt at the beginning of the irrigation season and from intense summer thunderstorms during the peak of irrigation cause structural damage or complete loss of ditch structures needed for delivering water to crops. Once rehabilitated, the irrigation facilities utilize water more efficiently and improve water delivery to Texas and Mexico.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Wilson, NM-01; Pearce, NM-02; Udall, NM-03

DISTRICT: Albuquerque

Date: 30 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** CALFED Levee Stability Program, CA

**AUTHORIZATION:** P.L. 108-361, Section 103 (f) (3) (B); P.L.109-103

**LOCATION:** The study area is located in Sacramento, San Joaquin, Contra Costa, Solano, Yolo, and Alameda counties, California and extends from Sacramento south to the city of Stockton and west to Suisun Bay. The Sacramento-San Joaquin Delta consists of about 740,000 acres of land segregated into some 80 tracts and islands and 1,100 miles of levees. The Delta is an integral part of California's water conveyance systems.

**DESCRIPTION:** The Report to Congress presented a prioritized list of potential levee stability projects to be carried out under the CALFED Act, and a budget schedule for the authorized \$90 million through 2010. The report was submitted to Congress on 14 September 2006.

<b><u>SUMMARIZED FINANCIAL DATA (\$000)</u></b>	FY 2007	
	<b><u>Construction</u></b>	
Estimated Federal Cost	\$ 90,000	1/
Estimated Non-Federal Cost	48,500	
Cash	48,500	
Other	0	
Total Estimated Cost	\$138,500	
Allocation thru FY 2004	\$ 0	
Allocation for FY 2005	0	
Allocation for FY2006	0	
Allocation for FY2007	400	2/
Balance to Complete after FY 2007	89,600	
Benefit to Cost Ratio Applicable Rate	N/A	
Benefit to Cost Ratio at 7%	N/A	
Remaining Benefits Remaining Costs Ratio (7%)	N/A	

1/ \$495K appropriated to BOR and transferred to COE in FY 06 under Investigation for 180 Day Report not included in the \$90M.  
2/ Investigations funding.

**FY 2007 ACTIVITIES:** Initiate sponsor coordination and project studies for several high priority projects from the Report to Congress.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Unscheduled.

**OTHER INFORMATION:** Current authorization calls for a Section 205 Federal funding limit of \$7,000,000 per project. Thirteen project proposals potentially met the funding limit, were prioritized as high or medium and included a letter of intent, with estimated costs totaling \$87,000,000. Each project proceeding under this authorization would require separate decision documents to include feasibility, site-specific design, and environmental compliance studies. These actions would take at least two to four years prior to start of construction.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Miller (CA-7); Tauscher (CA-10); McNerney (CA-11); Cardoza (CA-18); Senators Boxer and Feinstein

**DISTRICT:** Sacramento District  
Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Corte Madera Creek, CA

AUTHORIZATION: Flood Control Acts of 1962 and 1966; modified by WRDA 1986

LOCATION: Corte Madera Creek and its tributaries drain an area of about 28 square miles in Marin County, and flows into the west side of San Francisco Bay.

DESCRIPTION: The project would provide protection to residential, commercial and public property along Corte Madera Creek.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 21,900
Estimated Non-Federal Cost	15,200
Cash	1,740
Other	13,460
Total Estimated Cost	\$ 37,100
Allocation thru FY 2004	\$ 12,964
Allocation for FY 2005	214
Allocation for FY 2006	186
Allocation for FY 2007	250
Balance to Complete after FY 2007	8,286
Benefit to Cost Ratio Applicable rate (3-1/8%)	2.1
Benefit to Cost Ratio at 7%	1.16
Remaining Benefits Remaining Costs Ratio (7%)	3.4

FY 2007 ACTIVITIES: Refine designs for fish passage and flood flows; and begin General Revaluation Report reviews including Environmental Impact Statement/ Environmental Impact Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2012.

OTHER INFORMATION: Public sentiment for this project is gaining ground as a result of a grant award announced in March 2005. Friends of Corte Madera Creek, Marin County, and the Corps are working together through a NOAA grant to design the fish ladder and add environmentally friendly features to this flood damage reduction project.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Woolsey CA-6

DISTRICT: San Francisco

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Guadalupe River, CA

AUTHORIZATION: WRDA 86, Sect. 401(b); Energy and Water Development Appropriations Acts for: 1990; 1992, Sec. 105; and 2002, Sec. 106.

LOCATION: The project is located in downtown San Jose, Santa Clara County, California.

DESCRIPTION: The project consists of about 2.6 miles of channel improvements and fish and wildlife mitigation along the Guadalupe River between Interstate Highways 280 and 880. The project recommended for construction is the Locally Preferred Plan which will provide 100-year flood protection, provisions for recreation and a basis for the larger, locally developed Guadalupe River Park Plan, at the expense of the sponsor, Santa Clara Valley Water District.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$148,900
Estimated Non-Federal Cost	116,500
Cash	20,000
Other	96,500
Total Estimated Cost	\$265,400
Allocation thru 2004	\$122,673
Allocation for FY 2005	7,230
Allocation for FY 2006	5,489
Allocation for FY 2007	5,600
Balance to Complete after FY 2007	7,908
Benefit to Cost Ratio Applicable Rate (8 5/8%)	2.2
Benefit to Cost Ratio at 7%	1.2
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete design of railroad and vehicular bridges; continue monitoring and maintenance of environmental components of previous phases; update project cost estimate.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The abutments and one bridge can be completed by fall of 2007 with funding. The second bridge would be completed in the summer of 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: McNerney (CA-11); Stark (CA-13); Eshoo (CA-14); Honda (CA-15); Lofgren (CA-16); Senators Boxer and Feinstein

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Kaweah River, CA

AUTHORIZATION: WRDA 96

LOCATION: The project is located within the Tulare Lake Basin in the southeastern portion of the San Joaquin Valley between the cities of Fresno and Bakersfield, CA.

DESCRIPTION: The Kaweah River drains about 560 square miles from the Sierra Nevada Mountains into Lake Kaweah (Terminus Dam). Terminus Dam was completed in 1962, and has provided limited flood protection to Visalia and other rapidly developing urban areas along the Kaweah River. The project plan is to enlarge Lake Kaweah by 42,600 acre-feet by raising the spillway 21 feet to provide additional flood control and water conservation space.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$33,870
Estimated Non-Federal Cost	23,710
Cash	2,600
Other	21,110
Total Estimated Cost	\$57,580
Allocations thru 2004	\$24,099
Allocation for FY 2005	4,997
Allocation for FY 2006	4,257
Allocation for FY 2007	517
Balance to Complete FY 2007	0
Benefit to Cost Ratio Applicable rate (7 1/8%)	1.3
Benefit to Cost Ratio at 7%	.97
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Monitor mitigation at the riparian mitigation and endangered species sites, complete O&M manual for the Terminus Dam, and complete vernal pool mitigation for Tulare Lakebed site.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Ongoing maintenance and monitoring of the mitigation sites will complete in FY2009.

OTHER INFORMATION: The sponsor is planning to seek legislation to afford them reimbursement for activities completed both before and after the signing of the Project Cooperation Agreement. The estimated cost of these activities is between \$600,000 and \$700,000 and is not reflected in the current project cost estimate.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Radanovich (CA-19); Costa (CA-20); Nunes (CA-21); McCarthy (CA-22); Senators Boxer and Feinstein

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Los Angeles County Drainage Area, (Storm Management Plan), California

AUTHORIZATION: WRDA 1990 Section 101 (b)

LOCATION: The project covers approximately 2,000 square-miles within the County of Los Angeles, California, involving the Los Angeles and San Gabriel River watersheds and its major tributaries.

DESCRIPTION: The project is developing a baseline hydrologic and hydraulic model of both Rivers to establish a Storm Water Management Plan, which will maintain the 133-year level of protection afforded by the project indefinitely into the future as additional urban development occurs.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$158,000
Estimated Non-Federal Cost	52,670
Cash	(43,000)
Other	(9,670)
Total Estimated Cost	\$210,670
Allocation thru 2004	\$41,436
Allocation for FY 2005	111,000
Allocation for FY 2006	0
Allocation for FY 2007	0
Balance to Complete after FY 2007	5,564
Benefit to Cost Ratio Applicable rate (7 3/4%)	3.1
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue storm water management plan and close existing contracts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable storm water management plan completion in FY 2010

OTHER INFORMATION: The physical project has been complete for a few years. Funding has limited fiscal account closeouts. Additionally, some contract audits have been delayed due to insufficient funding for project follow up. Over the years there has been staff changes and some draining of institutional knowledge. Funding is required to increase focus on project account close outs to officially complete the project.

ADMINISTRATION POSITION: Administration supports flood control projects.

CONGRESSIONAL INTEREST: **Millender-McDonald** (CA-37), Berman (CA-28), Sherman (CA-27), Waxman (CA-30), Becerra (CA-31)

DISTRICT: Los Angeles  
Date: 29 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Marysville/Yuba City Levee Reconstruction, CA

AUTHORIZATION: Flood Control Acts of 1917, 1928, 1941 and River and Harbor Act of 1937

LOCATION: The project is located within the boundaries of the Sacramento River Flood Control System in the area including the Feather and Yuba Rivers and their tributaries, Sutter Bypass and the cities of Marysville and Yuba City and the communities of Linda and Olivehurst.

DESCRIPTION: The project consists of reconstructing approximately 30 miles of Sacramento River Flood Control Project levees by installing toe drains, stability berms, and slurry cut-off walls and backfilling a drainage ditch. The project also includes levee height restoration and about 76 acres of fish and wildlife mitigation

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Construction</u>
Estimated Federal Cost	\$37,993
Estimated Non-Federal Cost	12,750
Cash	4,660
Other	8,090
Total Estimated Cost	\$50,743
Allocation thru 2004	\$37,104
Allocation for FY 2005	374
Allocation for FY 2006	365
Allocation for FY 2007	150
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (7%)	5.5
Benefit to Cost Ratio at 7%	5.5
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Mitigation monitoring.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Monitoring to be completed in 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Herger (CA-2); Lungren (CA-3); Senators Boxer and Feinstein

DISTRICT: Sacramento

Date: 28 March 2007



FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME AND STATE:** Middle Rio Grande Flood Protection, Bernalillo to Belen, New Mexico

**AUTHORIZATION:** WRDA of 1986.

**LOCATION:** The project is located on the Rio Grande in central New Mexico, between Bernalillo and Belen, New Mexico.

**DESCRIPTION:** A General Reevaluation Report is currently underway reconfirming the feasibility of the Isleta, Mountainview, and Belen units of the project. The project consists of the rehabilitation and reconstruction of approximately 50 miles of spoil bank levees to provide flood control along the Rio Grande. The project will protect the municipalities of Corrales, Los Lunas, Bosque Farms, and Belen. Approximately 47,800 residents and \$1.47 billion dollars worth of property are currently located in the 270-year floodplain. Construction of the Corrales Unit of the project was completed in 1997.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000) CONSTRUCTION</u>
Estimated Federal Cost	\$ 46,800
Estimated Non-Federal Cost	15,600
Cash	( 15,600)
Other	(     0)
Total Estimated Cost	\$ 62,400
Allocation thru FY 2004	\$ 10,752
Allocation for FY 2005	322
Allocation for FY 2006	314
Allocation for FY 2007	350
Balance to Complete After FY 2007	35,062
Benefit to Cost Ratio Applicable Rate (7%)	1.6
Remaining Benefits Remaining Costs Ratio (7%)	1.9

**FY 2007 ACTIVITIES:** Continue public involvement activities, hydraulic and economic evaluations, and initiate National Environmental Protection Act investigations in support of the General Reevaluation Report.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Optimal funding would enable completion of the General Reevaluation Report in FY 2009.

**OTHER INFORMATION:** There are two endangered species in the project area – the Southwest Willow Flycatcher and the Rio Grande Silvery Minnow.

**ADMINISTRATION POSITION:** Consistent with Administration policy but low budget priority.

**CONGRESSIONAL INTEREST:** Wilson, NM-01; Pearce, NM-02

**DISTRICT:** Albuquerque

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Murrieta Creek, CA

AUTHORIZATION: Public Law 106-377 Energy and Water Appropriation, FY01, Section 103

LOCATION: The project encompasses Murrieta Creek and San Diego counties, California. Murrieta Creek is a major tributary to the Santa Margarita River.

DESCRIPTION: The Project is a multi-purpose flood control, environmental restoration and recreation project along 7.5 miles of Murrieta Creek. The major project features include channel widening and deepening; an environmental corridor along the length of the project, a 270 acre multi-use detention basin, a wetland restoration area, a recreation park and 3 bridge replacements. The project is divided into four phases.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$75,356
Estimated Non-Federal Cost	41,173
Cash	0
Other	0
Total Estimated Cost	\$116,529
Allocation thru 2004	\$6,284
Allocation for FY 2005	1,702
Allocation for FY 2006	3,674
Allocation for FY 2007	1,760
Balance to Complete after FY 2007	61,936
Benefit to Cost Ratio Applicable rate (5.875%)	.36
Benefit to Cost Ratio at 7%	.3
Remaining Benefits Remaining Costs Ratio at 7%)	.4

FY 2007 ACTIVITIES: Complete Phase 1 Main Channel Repairs; prepare O&M manual for Phase 1 turn-over; complete Intermediate Design Document Report Jul 2007; continue environmental coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase completion in FY 2011.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons Calvert (CA-44), **Bono** (CA-45), **Issa** (CA-49)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Nogales Wash, Arizona

AUTHORIZATION: 1990, Section 101 (a)(4); WRDA 1996, Section 303 & 404; WRDA 2000, Section 302

LOCATION: The project is located in the extreme southern Arizona in the central and northern portions of the city of Nogales, about 60 miles south of Tucson.

DESCRIPTION: The project has two separable features, a flood-warning system in Mexico and the United States and a channel and levee construction at Chula Vista, Arizona. Urbanization in the twin cities of Nogales, Sonora, Mexico and Nogales, Arizona, with a combined population of 240,000 has increased runoff into the Nogales Wash, causing flood/erosion problems.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$22,932
Estimated Non-Federal Cost	2,478
Cash	(415)
Other	(2063)
Total Estimated Cost	\$25,410
Allocation thru 2004	\$4,259
Allocation for FY 2005	1,115
Allocation for FY 2006	2,917
Allocation for FY 2007	10,000
Balance to Complete after FY 2007	4,641
Benefit to Cost Ratio Applicable rate (5.875%)	.86
Benefit to Cost Ratio at 7%	.7
Remaining Benefits Remaining Costs Ratio at (7%)	1.2

FY 2007 ACTIVITIES: Award and initiate PH2 of construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase completion in FY 08.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Grijalva** (AZ-7); Pastor (AZ-4); Senator Kyl

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Petaluma River, California

AUTHORIZATION: Water Resources Development Act of 2000, Section 112

LOCATION: Within the city of Petaluma, California, the roughly one-mile-long project extends upstream from Lynch Creek downstream to a point roughly 600 feet downstream of the Lakeville Street Bridge.

DESCRIPTION: The project includes a mile long steel sheet pile flood/retaining wall, a concrete constriction weir, 2 new pump stations (one of which is a betterment), 2 large mitigation sites, and the replacement of 2 vehicular bridges, and 1 railroad bridge. A second railroad bridge will be removed and replaced by an industrial spur line connecting to the main railroad line.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$25,780
Estimated Non-Federal Cost	13,880
Cash	3,154
Other	10,726
Total Estimated Cost	\$39,660
Allocation thru FY 2004	\$21,159
Allocation for FY 2005	1,115
Allocation for FY 2006	150
Allocation for FY 2007	3,200
Balance to Complete after FY 2007	156
Benefit to Cost Ratio Applicable rate (6 5/8%)	1.01
Benefit to Cost Ratio at 7%	.96
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: FY07 contract will remove trestle bridge, close a gap in the floodwall and replace with a spur line. In addition final channel excavation will be executed to bring project to planned level of flood protection.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: FY 2007 funds will allow completion of construction phase. An additional \$1.8M and an increase in the 902 limit is required to address the slide repair and floodwall investigation mandated by HQ. Results of investigation may also require additional funding.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Woolsey, CA-06

DISTRICT: San Francisco

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage

PROJECT/STUDY NAME: Rio de Flag, Flagstaff, Arizona

AUTHORIZATION: Water Resource Development Act 2000

LOCATION: The project area is located partly within the city of Flagstaff and entirely within Coconino County, Arizona.

DESCRIPTION: The area is subject to flooding from Rio de Flag and Clay Avenue Wash. The plan consists of channel modifications, construction of a detention basin, berms and floodwalls in the Thorpe Park area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$35,000
Estimated Non-Federal Cost	19,100
Cash	(19,100)
Other	0
Total Estimated Cost	\$54,100
Allocation thru 2004	\$3,729
Allocation for FY 2005	1,160
Allocation for FY 2006	3,228
Allocation for FY 2007	5,486
Balance to Complete after FY 2007	21,397
Benefit to Cost Ratio Applicable rate (6.125%)	.94
Benefit to Cost Ratio at 7%	.96
Remaining Benefits Remaining Costs Ratio at (7%)	.97

FY 2007 ACTIVITIES: Initiate & construct the Clay Ave Detention Basin. Complete Mainstem DDR/Plans & Specs. Complete & Submit Limited Reevaluation Report (LRR).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase completion in FY 2011.

OTHER INFORMATION: As a result of the Federal Emergency Management Agency (FEMA) designating much of Flagstaff's downtown as a Special Flood Hazard Area, Flagstaff is prevented from moving forward with new development or important redevelopment projects.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Renzi** (AZ-1), Senator Kyl

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: San Lorenzo, CA

AUTHORIZATION: Water Resources Development Acts 1996 and 1999; Energy and Water Development Appropriations Act 2004

LOCATION: The project is located within the city limits of Santa Cruz, California.

DESCRIPTION: The project consists of floodwalls, levee toe-drains, a controlled overflow, channel dredging, flood proofing and habitat restoration. Bank stabilization was added in WRDA 99.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$25,260
Estimated Non-Federal Cost	9,240
Cash	6,328
Other	2,912
Total Estimated Cost	\$34,500
Allocation thru 2004	\$20,210
Allocation for FY 2005	1,155
Allocation for FY 2006	720
Allocation for FY 2007	0
Balance to Complete after FY 2007	3,175
Benefit to Cost Ratio Applicable rate (7 3/4%)	.93
Benefit to Cost Ratio at 7%	1.01
Remaining Benefits Remaining Costs Ratio at 7%	2.8

FY 2007 ACTIVITIES: None scheduled.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2010

OTHER INFORMATION: Sponsor's share of bridge relocation costs of \$2,000,000, previously classified as "inactive" by letter dated 21 May 1997, were attempted to be reinstated as project costs by the sponsor per PL 108-137, December 2003. The language was not sufficient to reinstate the costs as project costs. Further attempts are being made, and project cost assumes those attempts will be successful. Until sufficient language is provided or additional sponsor cost share deposits are made, project is on hold, to ensure that cost share is in balance.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Eshoo (CA-14); Honda (CA-15); Farr (CA-17)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: San Luis Rey River Flood Control Project, CA

AUTHORIZATION: Section 201 FC Act of 1965 (Auth 1970), WRDA 86, Section 1165 Appropriations Bill 1990, WRDA 1990, Title I, Section 102.f, WRDA 96, Section 301 (a) (3)

LOCATION: The project is located along the lower 7.2 miles of the San Luis Rey River, in and around the city of Oceanside, San Diego County, California.

DESCRIPTION: Project's authorized plan provides for 5.4 miles of a double levee, stone-protected channel with a soft bottom; 1330 feet of parapet walls; six interior drainage ponds; and a 5-mile bicycle trail. Project will provide a maximum of 230-year protection from upstream limits at Murray Road Bridge downstream to Pilgrim Creek. The partially completed levee system prevented approximately \$23.5M (2000 PL) in damages during the 1993 floods.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$73,572
Estimated Non-Federal Cost	24,528
Cash	(6,280)
Other	(18,248)
Total Estimated Cost	\$98,100
Allocation thru 2004	\$60,754
Allocation for FY 2005	300
Allocation for FY 2006	1,390
Allocation for FY 2007	2,000
Balance to Complete after FY 2007	9,128
Benefit to Cost Ratio Applicable rate (7-7/8%)	1.2
Benefit to Cost Ratio at 7%	0.3
Remaining Benefits Remaining Costs Ratio at 7%	1.7

FY 2007 ACTIVITIES: Obtain final approval of Post Authorization Decision Document (PADD) and SEIS/EIR, conduct environmental minimization work, update emergency management plan, prepare draft O&M manual, and award contract to clear a portion of Phase I vegetation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2014.

OTHER INFORMATION: Years of being restricted from channel clearing significantly reduced channel conveyance capability while endangered species have been thriving. Current level of protection is less than 100-year. The PADD/SEIS/EIR is being finalized to address this issue.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Issa** (CA-49)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Stockton Metropolitan Area, CA (Sec. 211)

AUTHORIZATION: WRDA 96 (Sec. 211(f)); Energy & Water Development Appropriations Act, 2000

LOCATION: The primary project area is in the city of Stockton, California, approximately 40 miles south of Sacramento and 85 miles east of San Francisco. The approximately 200 square mile area extends from Bear Creek on the north, Mormon Slough on the south, the confluence with the Sacramento/San Joaquin Delta on the west and Jack Tone Road on the east.

DESCRIPTION: Project will reimburse the sponsor for locally constructed improvements made to the existing levee system along the Bear Creek System and the Calaveras River System. After flooding in northern California in 1986, FEMA initiated a flood zone restudy of the Stockton area. Draft Flood Insurance Rate Maps were released delineating a larger 100-year flood plain than previously recorded, affecting approximately 251,000 residents.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$33,500
Estimated Non-Federal Cost	11,100
Cash	4,900
Other	6,200
Total Estimated Cost	\$44,600
Allocations to 30 September 2004	\$14,701
Allocations for FY 2005	2,221
Allocations for FY 2006	4,950
Allocation for FY 2007	1,000
Balance to Complete after FY 2007	\$10,628
Benefit to Cost Ratio Applicable rate (6.875%)	2.0
Benefit to Cost Ratio at 7%	2.8
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Continue reimbursement to San Joaquin Area Flood Control Agency (SJAFCA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of reimbursement by FY 2009.

ISSUES AND OTHER INFORMATION: Section 211 crediting report concluded that the SJAFCA's improvements to the Lower Mosher Slough area, with a non-Federal cost of \$4.3 million, are not eligible for reimbursement. In addition, improvements to approximately 12,000 feet of the Upper Calaveras River Levee System with a non-Federal cost of \$3.28 million, 3,300 feet of Upper Mosher Creek with a non-Federal cost of \$812,000 and permitting costs of \$773,000 were determined to be ineligible for reimbursement. These areas did not meet the Corps of Engineers minimum flow criteria for participation in urban flood control projects. Construction of the project was completed in March 1999.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.



CONGRESSIONAL INTEREST: Doolittle (CA-4); McNerney (CA-11); Cardoza (CA-18)

DISTRICT: Sacramento

Date: 27 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Tahoe Basin Tribal Partnership, CA & NV

AUTHORIZATION: Section 203 of Water Resources Development Act 2000

LOCATION: The study area is the Lake Tahoe Basin watershed in the Sierra Nevada Mountains straddling the border of California and Nevada, approximately 50 miles southwest of Reno, NV.

DESCRIPTION: The purpose of this study is to initiate a watershed style report detailing specific prioritized activities that contribute to cultural restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$550
Estimated Non-Federal Cost	100
Cash	100
Other	0
Total Estimated Cost	\$650
Allocation thru 2004	\$ 0
Allocation for FY 2005	48
Allocation for FY 2006	276
Allocation for FY 2007	0
Balance to Complete after FY 2007	226
Benefit to Cost Ratio Applicable rate	N /A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Project close-out.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY2007.

OTHER INFORMATION: Reconnaissance study failed to identify a viable project.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Heller (NV-2); Doolittle (CA-4); Senators Reid and Ensign (NV); Boxer and Feinstein (CA)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Tropicana and Flamingo Washes, Nevada

AUTHORIZATION: WRDA 92, PL 102-580, 31 Oct 92, Sec 101(13); WRDA 96, Sec 211(f) (5); WRDA 99, PL 106-53, Aug 99, Sec 370; PL 108-7 (H.J. Res. 2) Consolidated Appropriations Resolution, 2003, Sec 107.

LOCATION: The project is located west of and through urbanized Las Vegas area, along both Tropicana and Flamingo Washes in Clark County, southern Nevada.

DESCRIPTION: Recommended plan consists of 5 detention basins, 3 debris basins and approximately 28 miles of channel (40 miles w/laterals), environmental mitigation, and recreation facilities. Urban growth (yr 1959 at 95K expected to exceed 2M by 2015) in upper Trop/Flam washes area increase runoff into these tributaries. Present value of structures/contents in overflow area is about \$2.5B.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$259,100
Estimated Non-Federal Cost	91,100
Cash	(28,500)
Other	(62,600)
Total Estimated Cost	\$350,200
Allocation thru 2004	\$197,910
Allocation for FY 2005	14,321
Allocation for FY 2006	14,430
Allocation for FY 2007	12,400
Balance to Complete after FY 2007	20,039
Benefit to Cost Ratio Applicable rate (8-1/2%)	1.2
Benefit to Cost Ratio at 7%	1.8
Remaining Benefits Remaining Costs Ratio at 7%	0

FY 2007 ACTIVITIES: Complete the F4 Debris Basin/Channel and Flamingo Detention Basin features, continue work on technical documents, conduct technical review and audit of Section 211 work, continue reconciliation of financial records.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2009.

OTHER INFORMATION: The original project authorization treated project channel crossings as betterments and as such were not considered a project cost and were not eligible for credit or reimbursement. Amendment #2 to the PCA is in the final process in obtaining signatures to resolve this issue.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Berkley** (NV-1), **Heller** (NV-2), **Porter** (NV-3), Senators Reid and Ensign.

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Tucson Drainage Area (Tucson Arroyo), Arizona

AUTHORIZATION: Flood Control Act, 1938, WRDA 1999, Section 101(a)(5)

LOCATION: The project is located within the 12-mile-reach of the Tucson Arroyo/Arroyo Chico watershed within the city of Tucson, Pima County, Arizona.

DESCRIPTION: The recommended plan consists of two detention basin complexes – one referred to as the Randolph Golf Course Detention Basin in the upstream part of the watershed (completed by Pima County in May 1996 in accordance with a Section 104 agreement), and the second referred to as Park Avenue Basin complex in the center of the watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$25,400 <sup>1/</sup>
Estimated Non-Federal Cost	14,700
Cash	(1,920)
Other	(12,780)
Total Estimated Cost	\$40,100
Allocation thru 2004	\$3,559
Allocation for FY 2005	699
Allocation for FY 2006	9,380
Allocation for FY 2007	0
Balance to Complete after FY 2007	10,095
Benefit to Cost Ratio Applicable rate (5.875%)	1.34
Benefit to Cost Ratio at 7%	.92
Remaining Benefits Remaining Costs Ratio at 7%	.7

<sup>1/</sup> This includes \$1,667,000 of Section 104 Credit that will not be redeemed.

FY 2007 ACTIVITIES: Award construction contract utilizing the Continuing Clause.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase completion in FY 2009.

OTHER INFORMATION: 902 Limit exceeded with bid price.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressperson Pastor (AZ-4); **Grijalva** (AZ-7); **Gifford** (AZ-8), Senator Kyl

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Upper Guadalupe River, CA

AUTHORIZATION: WRDA 1999, Section 101(a)(9)

LOCATION: The project area is located along the Upper Guadalupe River, in the city of San Jose, Santa Clara County.

DESCRIPTION: The recommended project includes channel widening, a bypass channel and construction of levees and floodwalls.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$136,700
Estimated Non-Federal Cost	119,300
Cash	13,300
Other	106,000
Total Estimated Cost	\$256,000
Allocation thru FY 2004	\$ 2,197
Allocation for FY 2005	560
Allocation for FY 2006	3,465
Allocation for FY 2007	0
Balance to Complete after FY 2007	130,478
Benefit to Cost Ratio Applicable rate (6-3/8%)	2.3
Benefit to Cost Ratio at 7%	1.15
Remaining Benefits Remaining Costs Ratio (7%)	1.3

FY 2007 ACTIVITIES: Complete 95% Plans and Specs for Reach 12 if construction is reauthorized through 902 limit fix and award nursery contract for Reach 10b and 12.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2018.

OTHER INFORMATION: Need to reauthorize project and seek waiver to start construction of initial reaches (needed for vegetation growth) due to expected exceedence of 902 limit in final years of construction.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: McNerney CA-11, Eshoo CA-14, Honda CA-15, Lofgren CA-16

DISTRICT: San Francisco

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood Damage Reduction

PROJECT/STUDY NAME: Yuba River, CA

AUTHORIZATION: Water Resources Development Act of 1999

LOCATION: Yuba River lies between the Feather and American Rivers in northern California. The project is located in Sutter and Yuba Counties approximately 50 miles north of Sacramento. The principal urban centers within the project area include Marysville, Yuba City, Linda and Olivehurst.

DESCRIPTION: Recommended project, which lies downstream of Daguerre Point and Yuba goldfields, would include levee improvements including installation of slurry walls, constructing landside berms, toe drains, and levee raising along the Yuba and Feather Rivers. The area has experienced 7 major floods. Despite modifications for flood protection over past years, the area is still vulnerable to catastrophic flooding as demonstrated by floods of February 1986 and January 1997. Damages were estimated at \$95 million and \$82.4 million, respectively.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>2007 PED/CONSTRUCTION</u>
Estimated Federal Cost	\$ 22,000
Estimated Non-Federal Cost	11,700
Cash	9,000
Other	2,700
Total Estimated Cost	\$33,700
Allocations thru FY 2004	\$ 2,251
Allocations for FY 2005	474
Allocations for FY 2006	1,167
Allocation for FY 2007	703
Balance to Complete after FY 2007	17,405
Benefit to Cost Ratio Applicable rate (5.875%)	2.9
Benefit to Cost Ratio at 7%	2.4
Remaining Benefits Remaining Costs Ratio (7%)	3.0

FY 2007 ACTIVITIES: Funds are being used to continue the General Reevaluation Report (GRR) and complete an alternatives analysis leading to the F4 conference at the end of the fiscal year.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Spring 2009 for Chief's Report.

OTHER INFORMATION: The Three Rivers Levee Improvement Authority has completed construction of flood damage reduction features and will be seeking Federal reimbursement.

ADMINISTRATION POLICY: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Herger (2-CA); Lungren (3-CA)

DISTRICT: Sacramento

Date: 28 March 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 14  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT/STUDY NAME:** 27<sup>th</sup> Street Bridge, Glenwood Springs, CO

**AUTHORIZATION:** Section 14 of the 1946 Flood Control Act as amended.

**LOCATION:** Glenwood Springs, CO

**DESCRIPTION:** Protect 27<sup>th</sup> Street Bridge from failure due to stream bank erosion. Protection will consist of boulder placements.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>DESIGN &amp; IMPLEMENTATION</u>
Estimated Federal Cost	\$ 445
Estimated Non-Federal Cost	240
Cash	240
Other	0
Total Estimated Cost	\$ 685
Allocation thru 2004	\$ 93
Allocation for FY 2005	0
Allocation for FY 2006	30
Allocation for FY 2007	322
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

**FY 2007 ACTIVITIES:** Complete plans and specifications and obligate a construction contract.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Design & Implementation phase will be completed by September 2008.

**OTHER INFORMATION:** PCA agreement is being negotiated.

**ADMINISTRATION POSITION:** Consistent with Administration policy.

**CONGRESSIONAL INTEREST:** Congressman John Salazar, CO-03

**DISTRICT:** Albuquerque

Date: 03 April 2007



FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 14  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Aliso (SOCWA) Coastal Treatment Plant, CA

AUTHORIZATION: Section 14, Flood Control Act of 1946

LOCATION: Laguna Beach, Orange County, CA

DESCRIPTION: The proposed project is to provide a sloping grouted stone grade control structure protecting the invert beneath the bridge. The structure would incorporate design features to maintain connectivity between aquatic habitats by creating a low flow fish passage channel.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$547
Estimated Non-Federal Cost	377
Cash	377
Other	0
Total Estimated Cost	\$924
Allocation thru 2004	\$0
Allocation for FY 2005	0
Allocation for FY 2006	297
Allocation for FY 2007	250
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: A fully-funded contract is scheduled to be awarded by the end of July and construction is scheduled to commence in mid-August.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable Design & Implementation completion in November 2007.

OTHER INFORMATION: Construction period is limited to a three-month window from August 15 through November 15. Environmental window runs from March 15 to Aug 15 in order to avoid a protected species nesting and breeding season (least bell's vireo). Flood control window runs from November 15 through March 15.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Campbell** (CA-48)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: City of Whittier, Flomar Flood Control, CA

AUTHORIZATION: Section 205, Flood Control Act of 1948

LOCATION: City of Whittier, Los Angeles County, CA

DESCRIPTION: The project focuses on flood control measures to bring the area into compliance with federally-mandated environmental protection requirements. This is accomplished by routing discharge downstream into an open drainage ditch and an intake structure that flows into the San Gabriel River.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$1,200
Estimated Non-Federal Cost	725
Cash	725
Other	0
Total Estimated Cost	\$1,925
Allocation thru 2004	\$0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	1,200
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (5.125%)	5.125
Benefit to Cost Ratio at 1.2%	1.2
Remaining Benefit Remaining Costs Ratio at 1.2%)	1.2

FY 2007 ACTIVITIES: A fully-funded contract covering design and construction is scheduled to be awarded in August 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable Design and Implementation completion in May 2008.

OTHER INFORMATION: The federally funded study was completed in FY 2002 and indicated that there is a justified project.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget authority.

CONGRESSIONAL INTEREST: Congressman **Miller** (R) CA\_42

DISTRICT: Los Angeles

Date: April 2, 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Oak Creek, Florence, CO

AUTHORIZATION: Section 205 of the 1948 Flood Control Act.

LOCATION: Florence, CO

DESCRIPTION: The project will reduce flood damages originating from Oak Creek in Florence, CO. The anticipated project consists of channel modifications.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>FEASIBILITY</u>
Estimated Federal Cost	\$ 547
Estimated Non-Federal Cost	447
Cash	447
Other	0
Total Estimated Cost	\$ 994
Allocation thru 2004	\$ 128
Allocation for FY 2005	76
Allocation for FY 2006	173
Allocation for FY 2007	170
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Continue Feasibility.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The Feasibility phase will be completed in FY 08.

OTHER INFORMATION: A FCSA was signed in FY 03; however, the project is on hold pending the sponsor's decision on continuing the study.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Congressman Doug Lamborn, CO-05

DISTRICT: Albuquerque

Date: 03 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 205  
Enacted Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: San Pedro Creek, Pacifica

AUTHORIZATION: Flood Control Act, 1948, Section 205

LOCATION: The Linda Mar area is located in Pacifica just south of San Francisco, California, along the Pacific coast.

DESCRIPTION: Project will be use a Floodwall plan and diversion-wetland-bypass, plan, which was developed by the local sponsor and is their preferred plan. Approximately 100 acres are subject to flooding. Area has been subjected to server damaging floods. During the most recent flood event in 1982, 183 residential and 10 commercial units suffered damages exceeding \$4 million.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (000)
	<u>Design/Implementation</u>
Estimated Federal Cost	\$ 7,000
Estimated Non-Federal Cost	5,786
Cash	575
Other	5,211
Total Estimated Cost	12,786
Allocation thru 2004	\$ 5,538
Allocation for FY 2005	\$ 80
Allocation for FY 2006	\$ 50
Allocation for FY 2007	\$ 75
Balance to Complete after FY 2007	\$ 1,257
Benefit to Cost Ratio Applicable rate (____)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Draft O&M Manual for built Portion and a letter report documenting the status and justification of the build Portion.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY09

OTHER INFORMATION: Original approved plan included an underground concrete bypass channel, which has not been built, due to cost and environmental concerns.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Miller – CA - 07

DISTRICT: San Francisco

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: White Slough, Ca

AUTHORIZATION: Flood Control Act, 1948, Section 205

LOCATION: The study area is located at White Slough, in Vallejo, Solano County, California. White Slough is situated between the Napa River and the City of Vallejo, and is bisected by Highway 37.

DESCRIPTION: The recommended plan would provide 100-year tidal and fluvial flood protection in the study area by utilizing White Slough as a detention basin for floodwaters from Austin Creek during the winter months. Placement of flap gates on the enlarged culverts under Highway 37, would allow for increased tidal exchange in White Slough during the dry season.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Design &amp; Implementation</u>
Estimated Federal Cost	\$ 6,359
Estimated Non-Federal Cost	3,424
Cash	3,424
Other	0
Total Estimated Cost	\$9,783
Allocation thru 2004	\$ 1,000
Allocation for FY 2005	275
Allocation for FY 2006	800
Allocation for FY 2007	500
Balance to Complete after FY 2007	3,784
Benefit to Cost Ratio Applicable rate (____ %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete plans and specifications for the remaining features of the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: The Feasibility Study was completed in FY02. Project Cooperation Agreement was signed in September 2003.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Miller CA-07

DISTRICT: San Francisco

Date: 4 April 2007

# OPERATION AND MAINTENANCE

FACT SHEET  
OPERATIONS AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT/STUDY NAME: Albuquerque Levees, New Mexico

AUTHORIZATION: PL 109-103, Title 1 of the Energy and Water Development Appropriations Act, 2006

LOCATION: Albuquerque, New Mexico

DESCRIPTION: The forty miles of levee that comprise the Albuquerque Unit of the Middle Rio Grande Flood Control Project provide flood protection to the most highly developed area in the state of New Mexico. The levees were authorized in 1948 and 1950 and the Corps of Engineers completed construction of the levees in 1955. The local sponsor for the levee system is the Middle Rio Grande Conservancy District.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>STUDY</u>
Estimated Federal Cost	\$ 2,132
Estimated Non-Federal Cost	0
Cash	( 0)
Other	( 0)
Total Estimated Cost	\$ 2,132
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	152
Allocation for FY 2006	1,980
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: A detailed evaluation of the levees within the Albuquerque Unit was initiated in 2005 and is scheduled for completion in 2007, to determine structural integrity, impacts of vegetative growth, and performance under current hydrologic conditions.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: A detailed inspection report will be completed in FY07 using carry over funds from FY06.

OTHER INFORMATION: The Albuquerque Levees were included in the Corps of Engineers 2007 Levees of Concern list.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Wilson, NM-01

DISTRICT: Albuquerque

Date: 30 March 2007

# COMMERCIAL NAVIGATION



# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Humboldt Long-term Shoal Management Study, CA

AUTHORIZATION: House Resolution 23 September 1982

LOCATION: Humboldt Harbor and Bay, California

DESCRIPTION: Navigation improvements for increased shoaling due to deepening in 2000.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Recon</u>	<u>FY 2007 (\$000)</u> <u>Feasibility</u>
Estimated Federal Cost	\$150	\$1,500
Estimated Non-Federal Cost	0	1,500
Cash	0	0
Other	0	1,500
Total Estimated Cost	\$150	\$3,000
Allocation thru FY 2004	\$ 36	\$ 0
Allocation for FY 2005	77	0
Allocation for FY 2006	37	67
Allocation for FY 2007	0	0
Balance to Complete after FY 2006	0	1,433
Benefit to Cost Ratio Applicable rate (____%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

FY 2007 ACTIVITIES: Sponsor is pursuing State financial support through legislative process. If state funding support is secured, FY 07 activities will revise Project Management Plan, and sign Feasibility Cost Sharing Agreement scheduled in October 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2011.

OTHER INFORMATION: Sponsor will seek State funding support in FY07 legislative cycle for cost sharing the study.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Redwood City Harbor (Deepening), CA

AUTHORIZATION: House Resolution 2511, adopted 7 May 1997

LOCATION: The study area is located in San Mateo County, about 20 miles south of San Francisco at the mouth of Redwood Creek, California.

DESCRIPTION: The proposed study will address deepening the project to a greater depth than the authorized depth of 30 feet.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$2,000
Estimated Non-Federal Cost	2,000
Cash	1,000
Other	1,000
Total Estimated Cost	\$4,000
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	99
Allocation for FY 2007	100
Balance to Complete after FY 2007	1,801
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Sign FCSA and initiate Feasibility. Begin navigation simulation modeling, define without project conditions, begin to formulate project alternatives, and begin environmental documentation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2011.

OTHER INFORMATION: Despite the current limiting depths, which require vessels to light load and demurrage, commercial tonnage at the port has steadily risen and continues to set tonnage records. Annual commercial tonnage has increased over 700% since 1987, with the largest increases in traffic coming in the last several years. Pending negotiation and signing of the FCSA and receipt of sponsor funds, the San Francisco District and the Port will initiate the feasibility study.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Lantos CA-12, Eshoo CA-14

DISTRICT: San Francisco

Date: 3 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME: Port of Los Angeles (LA Harbor Channel Deepening), California

AUTHORIZATION: WRDA 1986, Section 203, WRDA 2000, Section 101(b)(5)

LOCATION: The project is located at the Port of Los Angeles on the coast of southern California in San Pedro Bay, approximately 25 miles south of downtown Los Angeles.

DESCRIPTION: The feasibility completed under Sec 203 of WRDA 1986 recommended deepening the main channel from the current depth of -45 to -53 feet. Deepening the channel will accommodate vessels entering international maritime commerce with drafts that extend beyond the current limit, improve navigation safety and shipping efficiencies.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$60,700
Estimated Non-Federal Cost	161,300
Cash	(60,700)
Other	(100,600)
Total Estimated Cost	\$222,000
Allocation thru 2004	\$34,925
Allocation for FY 2005	20,433
Allocation for FY 2006	2,673
Allocation for FY 2007	175
Balance to Complete after FY 2007	2,494
Benefit to Cost Ratio Applicable rate 6.125%	3.2
Benefit to Cost Ratio at 7%	3.8
Remaining Benefits Remaining Costs Ratio at 7%	32.2

FY 2007 ACTIVITIES: Continue preparing SEIS for added capacity dredging of main channel.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2011.

OTHER INFORMATION: The project has increased cost primarily for an additional disposal site. The Corps supports the increase currently views it as a Non-Federal cost. Talks between Corps and local sponsor to develop the cost sharing are still ongoing.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Harman** (CA-36), **Rohrabacher** (CA-46), **Roybal-Allard** (CA-34), Senators Boxer and Feinstein.

DISTRICT: Los Angeles

Date: 4 Apr 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: San Francisco Bay to Stockton, CA

AUTHORIZATION: Rivers & Harbors Act, 1965

LOCATION: Project is located on navigation channels that extend from the San Francisco Bay entrance to the Port of Stockton through San Francisco, Marin, Contra Costa, Solano, Sacramento, and San Joaquin Counties.

DESCRIPTION: The project will deepen the entire navigation channel from San Francisco Bay to the Port of Stockton.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$119,845 <sup>1/</sup>
Estimated Non-Federal Cost	21,602
Cash	2,544
Other	19,058
Total Estimated Cost	\$141,447
Allocation thru FY 2004	\$ 67,479
Allocation for FY 2005	333
Allocation for FY 2006	198
Allocation for FY 2007	200
Balance to Complete after FY 2007	50,855
Benefit to Cost Ratio Applicable rate (3-1/4%)	3.0
Benefit to Cost Ratio at 7%	2.7
Remaining Benefits Remaining Costs Ratio (7%)	3.6

<sup>1/</sup> \$119,065 COE; \$780 USCG

FY 2007 ACTIVITIES: Hydrodynamic simulation to establish navigation characteristics with various channel depths, channel design, and initiation of the Environmental Impact Statement/Impact Report documentation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2013.

OTHER INFORMATION: The Central Valley Regional Water Quality Control Board continues to issue Board Orders, which increasingly act to restrict the COE's ability to perform both necessary O&M & deepening dredging within the Delta. The San Francisco District is cooperating with the Sacramento District, the Port of Stockton & Sacramento, & with the COE's Environmental Research & Development Center to develop a course of action to permit these activities to continue. This effort, combined with extensive field investigations & documentation necessary to support any conclusions drawn, will result in a delay in completion of the General Revaluation Report to January 2009.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Lungren CA-3, Miller CA-7, Pelosi CA-8, Lee CA-9, Tauscher CA-10, McNernery CA-11

DISTRICT: San Francisco

Date: 3 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Surfside-Sunset and Newport Beaches, California

AUTHORIZATION: River and Harbor Act of 1962.

LOCATION: It is located 15 miles south of Los Angeles, along the upper coastline to Orange County, and extends 12.5 miles between Anaheim Bay and the Newport Beach pier.

DESCRIPTION: Stages 1 through 11 have been completed, resulting in the construction of the West Newport groin field and the implementation of reoccurring beach replenishment activities at the Surfside-Sunset feeder beach and the beach at Newport Beach. The beach renourishment cycle for this project is typically once every 5 years. The project was authorized under PL 87-874, as recommended by HD 602, and allows for periodic beach nourishment with no time limit. The authorized project stretches 17 miles from the mouth of the San Gabriel River to the entrance to Newport Bay harbor.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$37,200
Estimated Non-Federal Cost	18,600
Cash	18,600
Other	0
Total Estimated Cost	\$55,800
Allocation thru 2004	\$26,938
Allocation for FY 2005	1
Allocation for FY 2006	277
Allocation for FY 2007	1,200
Balance to Complete after FY 2007	8,784
Benefit to Cost Ratio Applicable rate (7 3/4%)	3.14
Benefit to Cost Ratio at 7%	3.44
Remaining Benefits Remaining Costs Ratio at 7%)	1.8

FY 2007 ACTIVITIES: Continue design phase and additional environmental compliance. Complete Plans & Specs.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase 12 completion in FY 2009.

OTHER INFORMATION: A new PCA will be signed for Stage 12. Stage 12 consists of 2 million cubic yards of sand placement at Surfside Feeder Beach. Offshore sand sources are dwindling which will substantially increase the cost of future renourishment activities.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority. Administration included this project in the FY 2007 O&M Budget rather than Construction, General.

CONGRESSIONAL INTEREST: Congresspersons **Rohrabacher** (CA-46), **Campbell** (CA-48)

DISTRICT: Los Angeles

Date: 4 April 2007

# OPERATION AND MAINTENANCE



FACT SHEET  
OPERATIONS & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Los Angeles-Long Beach Harbor (LA River Estuary)

AUTHORIZATION: Rivers and Harbors Act of 1871 (amended WRDA 1976)

LOCATION: The Harbors are located approximately 25 miles south of the city of Los Angeles. Within Long Beach Harbor is the Los Angeles River Estuary, located at the mouth of the Los Angeles River.

DESCRIPTION: The Project consists of maintaining the breakwaters and performing maintenance dredging.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operation &amp; Maintenance</u>
Estimated Federal Cost	10,665
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	10,665
Allocation thru 2004	0
Allocation for FY 2005 Reprogrammed from Ventura Harbor	1,000
Allocation for FY2006 Reprogrammed from Pt San Luis	400
Allocation for FY 2007	1,000
Balance to Complete after FY 2007	8,265
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Develop plans and specifications and initiate dredging of the LA River Estuary, scheduled for late September or October 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable project completion in FY 2008.

OTHER INFORMATION: The January 2005 storms created shoaling in the federal navigation channel of LA River Estuary. This impedes operations of the Catalina Express ferry to/from Catalina Island. Maintenance dredging is required to remove the shoal. When dredged material was tested during plans and specifications stage, contaminated material was found and has added additional costs for its disposal.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senator Boxer, Congressman **Rohrabacher** (CA-46)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
OPERATIONS & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Moss Landing Harbor, CA

AUTHORIZATION: Rivers & Harbors Act 1945

LOCATION: The project is located approximately 95 miles south of San Francisco in the City of Moss Landing, in Monterey County, California

DESCRIPTION: Project operations and maintenance provide for 3-year maintenance dredging of an entrance channel and a lagoon channel. Two jetties are also periodically inspected and maintained.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$ 234
Allocation for FY 2006	\$1,310
Allocation for FY 2007	\$ 750
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2006 carryover funds and FY 2007 allocation will be used to award a fully funded maintenance dredging contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A (O&M)

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Farr CA-17

DISTRICT: San Francisco

Date: 04 Apr 07

FACT SHEET  
OPERATIONS & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Noyo River and Harbor, CA

AUTHORIZATION: R&H Act 1930, 1945, 1960, 1962, WRDA of 1976, WRDA of 1986

LOCATION: The project is located at Fort Bragg, California, about 140 miles north of San Francisco in Mendocino County.

DESCRIPTION: The operations and maintenance schedule provides for annual inspection and periodic repair of entrance jetties, and for 2-year cycle maintenance dredging of the Entrance and River Channels to -10 feet Mean Lower Low Water.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$ 0
Allocation for FY 2006	\$222
Allocation for FY 2007	\$100
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2006 carryover funds and FY 2007 allocation will be used to complete a Dredged Material Management Plan as existing upland disposal site is full.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A (O&M)

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Thompson CA-01

DISTRICT: San Francisco

Date: 04 Apr 07

FACT SHEET  
OPERATIONS & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Pinole Shoal Management Study, CA

AUTHORIZATION: Consolidated Appropriations Act, 2005

LOCATION: The project area includes the northern San Francisco Bay and extends throughout the California Delta.

DESCRIPTION: This project will create a Long Term Management Strategy (LTMS) for the placement and re-use of dredge material in support of the Corps' deep draft navigation mission, levee repair and maintenance, wetland restoration and other beneficial uses.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$467
Allocation for FY 2006	\$222
Allocation for FY 2007	\$500
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 allocation will be used to finalize the Process Framework Plan and Charter to identify Agency participation, the structure of the study's management, and define the scope of future investigation. An Executive Committee has been established, consisting of the Corps, the Environmental Protection Agency, the California Department of Water Resources, the State Water Resources Control Board, the Central Valley Regional Water Quality Control Board, the CALFED Bay-Delta Program (Resources Agency), and the Delta Protection Commission. This Committee, in association with the numerous stakeholders keenly interested in the outcome, will focus study efforts toward establishing streamlined regulatory compliance and agreeable and achievable sediment testing and water quality criteria. Funds will also be used to develop a Project Management Plan and Study Work Plan, and formation of Technical Work Groups.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A (O&M)

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Thompson CA-01, Lungren, CA-03, Miller CA-07; Tauscher CA-10, McNerney CA-11, Cardoza, CA-18

DISTRICT: San Francisco  
Date: 04 Apr 07

FACT SHEET  
OPERATIONS & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Redwood City Harbor, CA

AUTHORIZATION: R&H Act 1910, 1930, 1935, 1945, 1950

LOCATION: Redwood City Harbor is located on San Francisco Bay in San Mateo County, California.

DESCRIPTION: Project operations and maintenance provides for 2-year cycle maintenance dredging of the main ship channel and two turning basins. Redwood City Harbor is a deep draft, high use port with commercial tonnage of close to two million tons each year.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$ 467
Allocation for FY 2006	\$4,408
Allocation for FY 2007	\$1,922
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2006 carryover funds and FY 2007 allocation will be used to award a fully funded maintenance dredging contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A (O&M)

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Lantos CA-12, Eshoo CA-14

DISTRICT: San Francisco

Date: 04 Apr 07

FACT SHEET  
OPERATIONS & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: San Francisco Bay Long Term Management Strategy, CA

AUTHORIZATION: Appropriations Act of 1991

LOCATION: The project area is the San Francisco Bay in California.

DESCRIPTION: Policy objectives of the Long Term Management Strategy (LTMS) are to identify an acceptable array of dredge material disposal sites, develop management, economic and environmental plans for these sites, implement a decision making framework for site usage, streamline permit procedures, and establish long term site monitoring.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$ 936
Allocation for FY 2006	\$1,420
Allocation for FY 2007	\$1,500
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 allocation will be used for continued funding for Dredged Material Management Office (DMMO) labor in support of LTMS efforts; continued scientific research to validate 'environmental dredging windows' (the times of year during which dredging is allowed, established to protect certain species of fish under the purview of the Endangered Species Act); continued preparation of the Regional Dredged Material Management Plan/Environmental Impact Study (DMMP/EIS); and continued study of the relationship of methyl mercury generation to wetlands creation at Hamilton Wetlands Restoration site.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A (O&M)

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01, Lungren CA-03, Woolsey CA-06, Miller CA-07, Pelosi CA-08, Lee CA-09, Tauscher CA-10, McNerney CA-11, Lantos CA-12, Stark CA-13, Eshoo CA-14, Honda CA-15, Lofgren CA-16

DISTRICT: San Francisco

Date: 04 Apr 07

FACT SHEET  
OPERATIONS & MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: San Pablo Bay and Mare Island Strait, CA

AUTHORIZATION: R&H Act 1902, 1911, 1917, 1938, 1945, 1965, 1968

LOCATION: San Pablo Bay and Mare Island Strait are located in Solano County, California and provide deep water access to the Suisun Bay Channel and the Ports of Sacramento and Stockton.

DESCRIPTION: The project provides for maintenance dredging of a channel that is about 11 miles long in San Pablo Bay across Pinole Shoal, and a channel through Mare Island Strait.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Operations &amp; Maintenance</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	\$ 936
Allocation for FY 2006	\$2,947
Allocation for FY 2007	\$ 900
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 allocation will be used for maintenance dredging of Pinole Shoal by Government hopper dredge ESSAYONS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A (O&M)

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01, Lungren CA-03, Miller CA-07

DISTRICT: San Francisco

Date: 04 Apr 07

# ENVIRONMENT



# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Aliso Creek Mainstem, CA

AUTHORIZATION: Santa Ana River Basin & Orange County (SARBOC) adopted by Resolution of Committee on Public Works, House: 8 May 64

LOCATION: South Orange County, CA

DESCRIPTION: The study area is a watershed which covers approximately 36 square miles. The study was previously funded as part of the overall Aliso Creek Watershed Management study. Channel degradation and flood damage along the mainstream of Aliso Creek and some of its tributaries has caused severe environmental degradation. This degradation has caused increasing monetary and non-monetary losses to adjacent infrastructure and environmental resources. The study will examine channel stability, environmental restoration, water quality and recreation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	\$1,400
Estimated Non-Federal Cost	1,400
Cash	0
Other	1,400
Total Estimated Cost	\$2,800
Allocation thru 2004	\$0
Allocation for FY 2005	206
Allocation for FY 2006	348
Allocation for FY 2007	50
Balance to Complete after FY 2007	796
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue baseline conditions report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2009.

OTHER INFORMATION: Limited funding this FY and some carry in from last FY will allow for limited progress on this study.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Campbell** (CA-48)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Arana Gulch Watershed, CA

AUTHORIZATION: House Transportation and Infrastructure Committee Resolution dated June 25, 1999.

LOCATION: The study area is located in Santa Cruz County, California, adjacent to the Port of Santa Cruz. The study area includes 2,200 acres of coastal watershed and seven miles of stream.

DESCRIPTION: The study will involve a collaborative watershed planning effort to restore passage for endangered anadromous fish, restore native riparian vegetation, improve water quality, improve connectivity of the upper habitat, and reduce erosion and sedimentation throughout the watershed. Additionally, the beneficial use of sediment from the stream and harbor is being considered as part of a Regional Sediment Management initiative.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000) Recon</u>	<u>FY 2007 (\$000) Feasibility</u>
Estimated Federal Cost	\$198	\$1,000
Estimated Non-Federal Cost	0	1,000
Cash	0	500
Other	\$198	\$2,000
Allocation thru FY 2004	\$119	\$0
Allocation for FY 2005	48	0
Allocation for FY 2006	31	0
Allocation for FY 2007	0	0
Balance to Complete after FY 2007	0	1,000
Benefit to Cost Ratio Applicable rate (___%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

FY 2007 ACTIVITIES: Continued negotiation of the Project Management Plan. If sponsor is authorized to sign the Feasibility Cost Sharing Agreement (FCSA), it may be possible to initiate Feasibility in FY 08.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2011.

OTHER INFORMATION: Extensive communications and negotiations with the sponsor regarding the scope and estimated costs continue and may be impacted by results of the California Sediment Master Plan currently being developed. The FCSA could be signed by October 2007.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Honda CA-15, Farr CA-17

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Arroyo Seco Watershed Restoration, CA

AUTHORIZATION: Senate Public Works Committee Resolution, Document No. 838, June 25, 1969 (LACDA).

LOCATION: The study is located within the cities of La Canada-Flintridge, Pasadena, South Pasadena and Los Angeles, CA.

DESCRIPTION: The Arroyo Seco Watershed Restoration study will evaluate the potential for watershed management and environmental restoration opportunities within the Arroyo Seco Watershed. The result of this study will be a watershed management plan.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$1,350
Estimated Non-Federal Cost	1,350
Cash	(680)
Other	(670)
Total Estimated Cost	\$2,700
Allocation thru 2004	\$0
Allocation for FY 2005	54
Allocation for FY 2006	99
Allocation for FY 2007	242
Balance to Complete after FY 2007	955
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue work towards baseline conditions report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2010.

OTHER INFORMATION: Local residents and other interests have contacted the sponsor and congressional members wanting this study to progress faster.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons **Drier** (CA-26), **Schiff** (CA-29), **Becerra** (CA-31), **Royball-Allard** (CA-34).

DISTRICT: Los Angeles

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

STUDY NAME: Ballona Creek Restoration, CA

AUTHORIZATION: Sec. 216, Flood Control Act of 1970, Supplemental by House Resolution 28 Sep 94

LOCATION: The study area encompasses approximately 2,120 acres near Marina del Rey, California about 20 miles southwest of the city of Los Angeles.

DESCRIPTION: The study will evaluate habitat restoration, improvements to water quality, trash mitigation, recreation, and related purposes along the lower reach of creek.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$2,300
Estimated Non-Federal Cost	2,300
Cash	(871)
Other	(1,429)
Total Estimated Cost	\$4,600
Allocation thru 2004	\$0
Allocation for FY 2005	107
Allocation for FY 2006	198
Allocation for FY 2007	450
Balance to Complete after FY 2007	1,545
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue developing without project conditions.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility completion in FY 2009.

OTHER INFORMATION: Ballona Creek provides a major open space in a highly developed and populated area, even though the area has been degraded by encroachment of non-native plants, trash accumulation and attempts at bank protection along the creek using rock and concrete.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Harman** (CA-36), **Watson** (CA-22), **Roybal-Allard** (CA-34), **Waters** (CA-35)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Bolinas Lagoon Ecosystem Restoration, CA

AUTHORIZATION: House Report 2473, 7 March 1996

LOCATION: Pacific coastline in Marin County, CA, between Stinson Beach & Bolinas

DESCRIPTION: Subtidal and intertidal habitats are being lost to sedimentation. The study will examine solutions that would restore and maintain a natural tidal prism configuration and tidal circulation in the lagoon.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Feasibility</u>
Estimated Federal Cost	\$2,250
Estimated Non-Federal Cost	2,250
Cash	954
Other	1,296
Total Estimated Cost	\$4,500
Allocation thru FY 2004	\$1,443
Allocation for FY 2005	61
Allocation for FY 2006	149
Allocation for FY 2007	200
Balance to Complete after FY 2007	397
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Feasibility activities include complete data review, reformulate management objectives, complete conceptual model, collect/evaluate additional field data, refine the future lagoon evolution under the "without" project condition and reformulate project alternatives. Initiate a revised Draft Feasibility Study & Supplemental Draft Environmental Impact Statement/Environmental Impact Report (EIS/EIR).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2008.

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Woolsey CA-06

DISTRICT: San Francisco

Date: 03 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: City of San Bernardino Lakes and Streams, CA

AUTHORIZATION: Santa Ana River and Tributaries Authority, House Resolution adopted by the Committee on Public Works, 8 May 1964.

LOCATION: The study area is located approximately 50 miles east of Los Angeles in the City of San Bernardino, San Bernardino County, California.

DESCRIPTION: The study will focus on environmental restoration and sustainable development for a series of lakes and streams in the riparian corridor in connection with the Santa Ana River vicinity.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,500
Estimated Non-Federal Cost	1,500
Cash	1,500
Other	0
Total Estimated Cost	\$3,000
Allocation thru 2004	\$0
Allocation for FY 2005	0
Allocation for FY 2006	47
Allocation for FY 2007	400
Balance to Complete after FY 2007	1,053
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Complete Project Management Plan and execute the FCSA by April 2007. Hold Public Workshop (F2) and initiate the without project condition document.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Lewis** (CA-41)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Corte Madera Creek Watershed, CA

AUTHORIZATION: Flood Control Act of 1962

LOCATION: Marin County, California. Corte Madera Creek and its tributaries drain an area of 28 square miles into the west side of San Francisco Bay 9 miles north of the Golden Gate Bridge.

DESCRIPTION: The study will examine improvements to stream function and flood damage reduction by exploring potential physical and management measures including storm water management, development and sedimentation measures and creek and habitat improvements and maintenance. Local groups have requested a watershed study to examine potential constructed and management improvements to the function of the watershed, both to improve migration of the threatened Steelhead (et al) and reduce flood damages.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000) Recon</u>	<u>FY 2007 (\$000) Feasibility</u>
Estimated Federal Cost	\$130	\$2,000
Estimated Non-Federal Cost	0	2,000
Cash	0	0
Other	0	2,000
Total Estimated Cost	\$130	\$4,000
Allocation thru FY 2004	\$0	\$0
Allocation for FY 2005	0	0
Allocation for FY 2006	99	0
Allocation for FY 2007	31	9
Balance to Complete after FY 2007	0	1,991
Benefit to Cost Ratio Applicable rate (___%)		N/A
Benefit to Cost Ratio at 7%		N/A
Remaining Benefits Remaining Costs Ratio at 7%		N/A

FY 2007 ACTIVITIES: Reconnaissance, 905(b) Report, Project Management Plan and Feasibility Cost Sharing Agreement

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Woolsey CA-06

DISTRICT: San Francisco

Date: 03 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: East Mesa, Las Cruces, New Mexico

AUTHORIZATION: Resolution of the Committee on Environment and Public Works of the United States Senate, adopted August 12, 1986.

LOCATION: The study is located in the contributing watershed of the East Mesa area of the City of Las Cruces, New Mexico.

DESCRIPTION: The study will take a regional and collaborative perspective in determining the Federal interest for environmental restoration, flood damage reduction and watershed planning in the study area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>FEASIBILITY</u>
Estimated Federal Cost	\$915
Estimated Non-Federal Cost	915
Cash	(915)
Other	(0)
Total Estimated Cost	1,830
Allocation thru FY 2004	\$0
Allocation for FY 2005	106
Allocation for FY 2006	396
Allocation for FY 2007	413
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete the cost-shared watershed study.

EARLIEST ATTAINABLE COMPLETION DATE FOR PHASE: Optimal funding would enable completion of the cost-shared watershed study in FY 2007.

OTHER INFORMATION: The East Mesa region of Las Cruces continues to grow at a tremendous rate. Historically, arroyos meandered across the study area, providing invaluable riparian areas in the Chihuahuan landscape. The Chihuahuan Desert is one of the most biologically diverse eco-regions in the world. Currently, it is estimated that 85% to 90% of riparian habitat has been adversely altered within this biotic community due to various disturbances. The proposed project consists of Chihuahuan desert riparian ecosystem restoration, restoration of intermittent flow arroyos, and creation of floodplain meadow and seasonal wetland habitat. Restoration will improve habitat conditions of the Western Burrowing Owl, a federal species of concern. From a flood damage reduction perspective, there are seven small dams along the west side of the Organ Mountains, above the populated and developing areas, that pose a potential flood damage threat. The dams were recently inspected, and it was found that they are no longer functioning properly and may be unsafe. The City is concerned about the potential flood damage threat that the dams pose. If the dams fail, flood waters and sediment would impact populated and developing areas. Completion of the watershed study is

imperative to identifying a Federal interest in environmental restoration, flood damage reduction, and watershed planning within the study area. Additional authorization is not needed to implement the request.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Pearce, NM-02

DISTRICT: Albuquerque

Date: 30 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME AND STATE: Espanola Valley, Rio Grande and Tributaries, New Mexico

AUTHORIZATION: Section 4 of the 1941 Flood Control Act

LOCATION: The study area is located within the Española Valley, in north central New Mexico, and includes the Pueblos of Ohkay Owingeh (formerly known as San Juan), Santa Clara, and San Ildefonso.

DESCRIPTION: The feasibility study will be a cooperative effort with the three Native American Pueblos of Ohkay Owingeh, Santa Clara, and San Ildefonso.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>RECONNAISSANCE</u>	<u>FY 2007 (\$000)</u> <u>FEASIBILITY</u>
Estimated Federal Cost	\$512	\$1,850
Estimated Non-Federal Cost	0	1,850
Cash	(0)	(1,850)
Other	(0)	(0)
Total Estimated Cost	\$512	\$3,700
Allocation thru FY 2004	\$380	\$0
Allocation for FY 2005	60	0
Allocation for FY 2006	72	485
Allocation for FY 2007	0	495
Balance to Complete After FY07	0	870
Benefit to Cost Ratio Applicable rate (___%)	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

FY 2007 ACTIVITIES: Continue the feasibility study to include public outreach and coordination; and the preparation of existing conditions and future without project conditions for the study area.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of the feasibility study in FY 2009.

OTHER INFORMATION: The feasibility study is a cooperative effort with the three Native American Pueblos of Ohkay Owingeh, Santa Clara, and San Ildefonso. The Pueblos will cost share and participate equally as the non-Federal sponsors for the feasibility study. The primary purpose of the study is ecosystem restoration along the Rio Grande. Restoration features will improve and increase riparian woodland, riparian shrub, and emergent wetland habitat in the study area, including habitat of the endangered Rio Grande Silvery Minnow and the Southwestern Willow Flycatcher.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Udall, NM-03

DISTRICT: Albuquerque

Date: 28 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/ STUDY NAME: Fountain Creek, and Tributaries, Colorado

AUTHORIZATION: Resolution of the House Committee on Public Works and Transportation adopted in September 1976.

LOCATION: The watershed study is located on Fountain Creek and its tributaries in central Colorado.

DESCRIPTION: Fountain Creek and its tributaries have a long history of flooding, with the most recent events occurring in 1997 and 1999. The flood in 1999 caused approximately \$100,000,000 in damages. Roads, bridges, and residential and agricultural improvements were flooded, sewer lines were ruptured and significant sedimentation and erosion resulted. Constricted channel capacity and encroaching development have contributed to flood damages and environmental degradation in the watershed. In addition, there have been significant impacts to the natural ecosystem, resulting from the intrusion of non-native species and the impact of urbanization. The watershed study will take a regional and collaborative perspective in which all thirteen participating governments may identify potential projects under other authorities to address flood control, erosion, sedimentation and environmental restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>FEASIBILITY</u>
Estimated Federal Cost	\$1,510
Estimated Non-Federal Cost	1,510
Cash	(1,308)
Other	(202)
Total Estimated Cost	\$ 3,020
Allocation thru FY 2004	\$223
Allocation for FY 2005	714
Allocation for FY 2006	124
Allocation for FY 2007	300
Balance to Complete After FY 2007	149
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Continue the cost-shared watershed study to include completion of existing conditions and plan formulation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of the cost shared watershed study in FY 2008.

OTHER INFORMATION: The study area has suffered from flooding, erosion, and environmental degradation for many years. The watershed study will consist of a comprehensive analysis of the entire contributing drainage area. Economic feasibility will be determined in the cost shared watershed study. Additional authorization is not needed to implement the request.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Lamborn, CO-05 and Salazar, CO-03

DISTRICT: Albuquerque

Date: 30 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Hamilton City, CA

AUTHORIZATION: Flood Control Act of 1962 (Public Law 87-874); HR 8 May 64

LOCATION: The project is located in Glenn County, California, along the west bank of the Sacramento River about 85 miles north of Sacramento and includes Hamilton City and the surrounding rural area. The project extends from the Sacramento River to the east to the Glenn Colusa Canal to the west, and about two miles north and six miles south of Hamilton City.

DESCRIPTION: The project area lies just north of the existing Sacramento River Flood Control Project levees and within the area of extent of the Chico Landing to Red Bluff bank protection project. The feasibility study was accomplished as part of the Sacramento and San Joaquin River Basins Comprehensive Study. The project includes construction of 6.8 miles of setback levee to provide more reliable flood protection to the community and surrounding area, degradation of the existing "J" levee to allow for reconnection of the river to the floodplain, and restoration of about 1,500 acres of native habitat between the new setback levee and the Sacramento River. The levee would perform at 3 distinct levels of protection that are associated with three different average levee heights: from north to south, four and two-fifths mile of levee averaging 7.5 feet would provide a 90 percent confidence of passing a 75-year event; 1,000 feet of levee averaging 6 feet in height would provide a 90 percent confidence of passing a 35-year event; and 1.6 miles of levee averaging 3 feet in height would provide a 90 percent confidence of passing an 11-year event.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>PED</u>
Estimated Federal Cost	\$2,519
Estimated Non-Federal Cost	840
Cash	840
Other	0
Total Estimated Cost	3,359
Allocations thru FY 2004	\$0
Allocations for FY 2005	50
Allocations for FY 2006	248
Allocation for FY 2007	621
Balance to Complete after FY 2007	1,600
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete data collection; initiate design; 35% design completion.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: Authorization required prior to initiation of construction. Authorization in FY 2008 would allow construction to begin in FY 2009.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Herger (CA-2); Senators Feinstein and Boxer

DISTRICT: Sacramento District

Date: 28 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Laguna de Santa Rosa, CA

AUTHORIZATION: Section 209, Flood Control Act of 1962, PL 87-874

LOCATION: The Laguna de Santa Rosa is a tributary of the Russian River located approximately 13 miles west of the city of Santa Rosa in Sonoma County, California.

DESCRIPTION: Historically, this area has served as a naturally occurring 7,000-acre storm detention basin during flooding of the Russian River and is a valuable coastal fresh water wetland. The local community believes that siltation has reduced the ability of the Laguna de Santa Rosa to function as a major flood basin and that thousands of acres of wetlands habitat have been lost or degraded. Endangered species (steelhead trout and red-legged frogs) are being negatively impacted due to the loss of habitat. The study will investigate and evaluate solutions to this siltation problem in order to restore both the storm detention function and wetland habitat of the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$2,425
Estimated Non-Federal Cost	2,425
Cash	937
Other	938
Total Estimated Cost	\$4,850
Allocation thru FY 2004	\$474
Allocation for FY 2005	125
Allocation for FY 2006	297
Allocation for FY 2007	175
Balance to Complete after FY 2007	1,354
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue feasibility study. Initiate sediment data collection and sediment transport analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: If the study continues to receive funding based on the average rate of funding for this study over the last four years, the feasibility study will not be completed until 2012. Optimal funding would enable feasibility study completion in FY 2010.

OTHER INFORMATION: Project Management Plan has been revised to incorporate the sedimentation modeling, which is extensive and expensive. Once the Sponsor has reviewed the Project Management Plan, the Feasibility Cost Sharing Agreement will be amended. The sediment modeling and data collection will take over a year and a half to complete. This work must be completed before proposed sites can be evaluated.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.



CONGRESSIONAL INTEREST: Thompson CA-01, Woolsey CA-06

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Los Angeles River Ecosystem Restoration, CA

AUTHORIZATION: House Public Works & Transportation Committee Resolution,  
11 Jun 69 (LACDA) Docket

LOCATION: The Los Angeles River Ecosystem Restoration Study encompasses 32 miles of river within the City of Los Angeles. It extends from Canoga Park in San Fernando Valley to the southwestern quadrant of downtown Los Angeles.

DESCRIPTION: The Los Angeles River Ecosystem Restoration Study has many locations along the river where there is great potential for environmental and historic riparian habitat restoration. Potential projects may provide opportunities to restore environmental conditions, improve water quality, public access, open space and recreation. The potential projects will maintain or improve the current level of flood damage reduction benefits.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$3,650
Estimated Non-Federal Cost	3,650
Cash	(275)
Other	(3,375)
Total Estimated Cost	\$7,300
Allocation thru 2004	\$0
Allocation for FY 2005	14
Allocation for FY 2006	722
Allocation for FY 2007	700
Balance to Complete after FY 2007	2,214
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Develop baseline conditions and initiate developing tentative measures and plans.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2010.

OTHER INFORMATION: The City is preparing a master plan that incorporates ecosystem restoration, economic redevelopment, residential structures and park space for active recreation. Any recommended Federal project will be centered on ecosystem restoration while preserving the same level of flood damage reduction. The Corps will not participate in elements of the sponsor's master plan concepts outside existing Corps missions.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons **Sherman** (CA-27), **Schiff** (CA-29), **Waxman** (CA-30), **Becerra** (CA-31), **Watson** (CA-33), **Roybal-Allard** (CA-34).

DISTRICT: Los Angeles

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Los Angeles River Watercourse Improvement, Headworks, CA

AUTHORIZATION: Senate Resolution, 25 Jun 69 (LACDA).

LOCATION: The study area is located in the southeastern portion of the San Fernando Valley, adjacent to the Los Angeles River in the City of Los Angeles near Burbank, CA.

DESCRIPTION: The Los Angeles River Watercourse Improvement study area encompasses approximately 43 acres of open space that has tremendous opportunity for ecosystem restoration. The study will investigate ecosystem restoration through creation of riparian and wetland habitat to result in a multi-objective project that includes improved water quality and passive recreation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$900
Estimated Non-Federal Cost	900
Cash	(658)
Other	(242)
Total Estimated Cost	\$1,800
Allocation thru 2004	\$160
Allocation for FY 2005	178
Allocation for FY 2006	0
Allocation for FY 2007	0
Balance to Complete after FY 2007	562
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Carryover funds of \$13K will be used to fund in-house labor.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2010.

OTHER INFORMATION: The City of Los Angeles has listed this study as a priority in their funding requests for FY 07, and would like to see this study completed and implemented in conjunction with the other studies under the Los Angeles River Revitalization Master Plan. The study sponsor for Headworks is the City of Los Angeles, Department of Water and Power (LADWP). No action is likely without additional funding.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Schiff** (CA-29)

DISTRICT: Los Angeles

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Matilija Dam, CA

AUTHORIZATION: Resolution of Senate Public Works Committee, adopted 25 September 1969. Resolution of House Transportation and Infrastructure Committee, Docket #2593, adopted 15 April 1999.

LOCATION: The study area extends along the Ventura River and Matilija Creek from the Pacific Ocean to upstream of Matilija Dam, a total length of about 33 river miles. Matilija Creek is a tributary to the Ventura River, near the town of Ojai, in Ventura County. CA.

DESCRIPTION: The Matilija Dam no longer functions as a water supply structure and is a major impediment to the natural flow of the Matilija Creek, which has historically supported a large population of the endangered Steelhead species. Study addresses hydrology, hydraulics, dam safety, water allocation, flood control, sediment removal, beach nourishment, and environmental restoration factors. The recommended plan would restore many natural functions of the river and improve habitat for many other species.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>PED</u>
Estimated Federal Cost	\$6,000
Estimated Non-Federal Cost	2,000
Cash	(1,600)
Other	(400)
Total Estimated Cost	\$8,000
Allocation thru 2004	\$0
Allocation for FY 2005	101
Allocation for FY 2006	792
Allocation for FY 2007	1,300
Balance to Complete after FY 2007	3,807
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete draft Detail Design Report, & Plans and Specifications for 2nd phase of construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2010

OTHER INFORMATION: Project authorization is included in the draft WRDA bill. The sponsor and other interests such as the California Coastal Conservancy, US Fish and Wildlife, and National Marine Fisheries Service are anxious to get this project underway and maintain its momentum. The project draws national and international attention.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Capps** (CA-23), **Gallegly** (CA-24)

DISTRICT: Los Angeles

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS LINE: Environment

PROJECT/STUDY NAME: Middle Creek, CA

AUTHORIZATION: Flood Control Act of 1962

LOCATION: The project is located in Lake County, approximately 80 miles north of San Francisco and is the main tributary into Clear Lake, the largest natural lake entirely within the borders of California.

DESCRIPTION: Potential projects would restore portions of the flood plain to a natural wetland ecosystem and provide flood damage reduction to the area. Restoration would contribute to the goals of the North American Waterfowl Management Plan.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007	FY 2007
	<u>Feasibility</u>	<u>PED</u>
Estimated Federal Cost	\$ 844	\$2,400
Estimated Non-Federal Cost	844	800
Cash	844	800
Other	0	0
Total Estimated Cost	\$1,688	\$3,200
Allocation thru FY 2004	\$ 793	\$ 46
Allocation for FY 2005	11	13
Allocation for FY 2006	0	0
Allocation for FY 2007	10	0
Balance to Complete after FY 2007	30	2,341
Benefit to Cost Ratio Applicable Rate	N/A	N/A
Benefit to Cost Ratio at 7%	N/A	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A	N/A

FY 2007 ACTIVITIES: Respond to questions from the Assistant Secretary of the Army on the Feasibility Report.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility - FY2007; PED - FY2009.

OTHER INFORMATION: The Middle Creek Flood Control Project, constructed by the Corps between 1958 and 1968, included levee and channel improvements for flood protection for the town of Upper Lake and the surrounding agricultural land. Prior to channelization by the Corps and others, flows spread out over a wide floodplain upstream of Clear Lake. This area was a significant wetland that provided natural biologic values including waterfowl habitat, water quality through filtering and trapping of sediments, and natural flood attenuation. The restoration project will minimize the impending health, water quality, and property damage issues that Lake County is facing.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson (CA-1)

DISTRICT: Sacramento

Date: 27 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Morro Bay Estuary, CA

AUTHORIZATION: House Committee on Transportation and Infrastructure, Resolution docket 2527.

LOCATION: The study is located in a natural embayment on the central coast of California, about 60 miles north of Point Conception, in the city of Morro Bay, San Luis Obispo County, CA.

DESCRIPTION: Study will identify sedimentation and tidal circulation problems in Morro Bay and will evaluate the significant impacts of sedimentation on tidal circulation, and flushing restrictions which cause degradation of valuable wetland and aquatic habitat areas within the estuary.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,200
Estimated Non-Federal Cost	1,200
Cash	650
Other	550
Total Estimated Cost	\$2,400
Allocation thru 2004	\$713
Allocation for FY 2005	39
Allocation for FY 2006	173
Allocation for FY 2007	17
Balance to Complete after FY 2007	258
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue management of study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2008.

OTHER INFORMATION: Currently revising coastal engineering model and environmental HEP analysis.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresswoman **Capps** (CA-23)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Mugu Lagoon, CA

AUTHORIZATION: Senate Resolution, 25 Jun 69 (LACDA)

LOCATION: The study area is located in Ventura County, California within the Calleguas Creek Watershed.

DESCRIPTION: The watershed is approximately 350 square miles. A primary area of concern is the Mugu Lagoon as it contains several Federal and State endangered and threatened species. The quality of the lagoon has been degraded due to sediment from Calleguas Creek and related drainage of contaminants from surrounding agricultural and other development. Mugu Lagoon is one of the few wetlands remaining in Southern California and there is a strong Federal and Local interest. The study will evaluate environmental impacts associated with sediment transport, flood flows, and upstream watershed land-use practices within the watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$1,200
Estimated Non-Federal Cost	1,200
Cash	(328)
Other	(872)
Total Estimated Cost	\$2,400
Allocation thru 2004	\$972
Allocation for FY 2005	136
Allocation for FY 2006	81
Allocation for FY 2007	11
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete current scope and revise PMP to refine scope to better detail opportunities and potential alternatives.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2010.

OTHER INFORMATION: Much of the watershed investigation has been completed, however, there does not seem to be sufficient data or information to confidently make Feasibility level recommendations. There are many opportunities for potential feasibility studies. However, the sponsor does not want to embark on other multiple year investigations. They want to start design and/or projects.

ADMINISTRATION POSITION: Administration supports environmental restoration studies.

CONGRESSIONAL INTEREST: Congressman Capps (CA-23), **Gallegly** (CA-24)

DISTRICT: Los Angeles



FACT SHEET  
INVESTIGATIONS/CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Napa River, Salt Marsh Restoration, CA

AUTHORIZATION: House Committee on Public Works Resolution, 28 Sept 1994

LOCATION: Counties of Napa, Solano, and Sonoma, California

DESCRIPTION: The Napa Salt Marsh wetlands are located approximately 45 miles north of San Francisco, California, along the northern portion of San Francisco Bay. These wetlands originally encompassed 25,000 acres, but agriculture and development have reduced them to 36% of their former extent. In 1994 the Cargill Salt Company ceased production of salt and sold over 9,800 acres of lands in the study area to the State of California. The land is now managed by the California Department of Fish and Game (DFG).

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$40,133
Estimated Non-Federal Cost	22,062
Cash	0
Other	22,062
Total Estimated Cost	\$62,195
Allocation thru FY 2004	\$0
Allocation for FY 2005	0
Allocation for FY 2006	106 <sup>1/</sup>
Allocation for FY 2007	0
Balance to Complete after FY 2007	40,027
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

1/ Received \$106 under Investigations appropriation.

FY 2007 ACTIVITIES: If authorized through the Water Resources Development Act (WRDA), a Project Cooperation Agreement (PCA) would be negotiated and signed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project awaiting construction authorization through WRDA. Once authorized, completion will depend on funding levels.

OTHER INFORMATION: The final Feasibility Report, completed in June 2004, recommended 7 of the 11 salt ponds be restored to salt marsh wetlands. The Chief's report was signed in December 2004. OMB clearance was provided in December 2005. The CCC and DFG are hoping that project authorization language in the next WRDA will add additional features to the recommended project, including the 4 remaining ponds and a recycled water pipeline to provide fresh water for pond desalinization. The sponsors have initiated construction on the 4 ponds they hope to add to the project. They also plan to start construction of 2 of the ponds included in the recommended project prior to project authorization and prior to signing a PCA. The sponsors are seeking WRDA language that would authorize reimbursement of any of their advanced construction activities.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Thompson CA-01, Woolsey CA-06, Miller CA-07, Pelosi CA-08, Tauscher CA-10

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Pima County (Tres Rios Del Norte), AZ

AUTHORIZATION: Flood Control Act 1938 (Gila River & Tributaries), and House Resolution 2425, 17 May 1994

LOCATION: The study area is located in Pima County and encompasses the metropolitan area of Tucson, the second largest city in Arizona.

DESCRIPTION: The study will investigate the water resources development opportunities including environmental programs, incorporation of historical cultural features, flood control, and recreation in Pima County.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$3,592
Estimated Non-Federal Cost	3,592
Cash	(1,375)
Other	(2,217)
Total Estimated Cost	\$7,184
Allocation thru 2004	\$1,857
Allocation for FY 2005	663
Allocation for FY 2006	547
Allocation for FY 2007	250
Balance to Complete after FY 2007	275
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at (7%)	N/A

FY 2007 ACTIVITIES: Complete Draft Feasibility Report (F5).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen Pastor (AZ-4), **Grijalva** (AZ-7), Gifford (AZ-8), Senator Kyl

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/ STUDY NAME: Rio Grande Basin, Colorado, New Mexico and Texas

AUTHORIZATION: Section 729 of WRDA 1986. Amended by Section 202 of WRDA 2000.

LOCATION: The Rio Grande Basin is located in the states of Colorado, New Mexico and Texas, and encompasses an area over 160,000 square miles, from the headwaters in central Colorado to its mouth on the Gulf of Mexico near Brownsville, Texas.

DESCRIPTION: Water conveyance and delivery, ecosystem degradation, and flooding are major issues in the basin. Water supply and flood control in the Rio Grande Basin fall under the management and jurisdiction of an international treaty, an interstate compact, and several Federal, State and local agencies. The study will take a regional and collaborative perspective to investigate ecosystem restoration, water supply and invasive species issues.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>FEASIBILITY</u>
Estimated Federal Cost	1,900
Estimated Non-Federal Cost	1,900
Cash	( 1,900)
Other	( 0)
Total Estimated Cost	\$ 3,800
Allocation thru FY 2004	\$ 740
Allocation for FY 2005	99
Allocation for FY 2006	247
Allocation for FY 2007	125
Balance to Complete After FY 2007	689
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: The on-going watershed study for the "Forgotten River" reach (the Rio Grande from Ft. Quitman to Presidio, TX) includes geospatial data analysis, geomorphological and environmental analysis, public meetings, feasibility scoping meeting, plan formulation and sponsor review. An additional study will be initiated in 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of the watershed study for "Forgotten River" Reach, Texas in January 2008 and continuation of the third phase of study.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Salazar, CO-03; Wilson, NM-01; Pearce, NM-02; Udall, NM-03; Reyes, TX-16; Rodriguez, TX-23

DISTRICT: Albuquerque

Date: 30 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Rio Salado Oeste, Salt River, Phoenix, AZ

AUTHORIZATION: Flood Control Act 1938, Section 6 (Gila River & Tributaries), and House Resolution 2425, 17 May 1994

LOCATION: The study area is located along 8 miles of the Salt River, from 19<sup>th</sup> Avenue to 83<sup>rd</sup> Avenue, downstream (West or Oeste) of the ongoing Rio Salado project.

DESCRIPTION: The study will address restoration of riparian habitat in conjunction with water quality, flood control and recreation purposes.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$2,000
Estimated Non-Federal Cost	2,000
Cash	(1,320)
Other	(680)
Total Estimated Cost	\$4,000
Allocation thru 2004	\$1,145
Allocation for FY 2005	388
Allocation for FY 2006	228
Allocation for FY 2007	239
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at (7%)	N/A

FY 2007 ACTIVITIES: Initiate and complete PED phase PMP. Initiate work on Design Agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2007

OTHER INFORMATION: The local sponsors, the Salt River Pima-Maricopa Indian Community and the City of Mesa, support the acceleration of completing the study.

ADMINISTRATION POSITION: Consistent with Administration Policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen **Pastor** (AZ-4), Senator Kyl, Senator McCain

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Russian River Ecosystem Restoration, CA

AUTHORIZATION: House Committee on Public Work Resolution, September 1994

LOCATION: The study area consists of the Russian River, which is 110 miles long and flows into the Pacific Ocean about 55 miles north of the entrance to San Francisco Bay.

DESCRIPTION: The study will address the affects and balances associated with flood control, urban and rural landscape changes, and other human elements on the watershed; restoration of a sustainable riparian ecosystem and anadromous fish habitat; and other beneficial uses.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$3,325
Estimated Non-Federal Cost	3,325
Cash	165
Other	3,160
Total Estimated Cost	\$6,650
Allocation thru FY 2004	\$ 723
Allocation for FY 2005	165
Allocation for FY 2006	396
Allocation for FY 2007	250
Balance to Complete after FY 2007	1,791
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Activities include continue feasibility phase including development of Watershed Management Plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility completion in FY 2010.

OTHER INFORMATION: The Russian River Watershed Plan of Action fulfilled Phase I of the watershed study. Phase II will result in completing of a Russian River Watershed Adaptive Management Plan (WAMP). The development of the WAMP includes subdividing the Russian River Watershed into "Watershed Assessment Units". Each of these units represents relatively homogenous stream reaches in terms of geology, geomorphology, channel morphology, habitat, upland land use, disturbance, and other factors. These Watershed Assessment Units will be the spatial entities assessed to describe watershed conditions for restoration and protection potential. Management measures will be identified from this assessment.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01, Woolsey CA-06

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: San Jacinto Ecosystem Restoration, CA

AUTHORIZATION: Flood Control Act of 1936; WRDA 1986, PL-99-662; HR Study Resolution 9 Oct 1998, Section 416 of WRDA 2000

LOCATION: The San Jacinto River is located in the San Jacinto Watershed in Riverside County, California

DESCRIPTION: The study will investigate the creation, preservation, and restoration of environmental and riparian habitat along the San Jacinto River, in the city of San Jacinto. The river provides floodwater conveyance and a source for water supply and wildlife habitat. In addition, the multi-purpose benefits of groundwater recharge, water supply and water recycling via wetlands adjacent to the San Jacinto River will be studied in conjunction with the proposed environmental restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,750
Estimated Non-Federal Cost	1,650
Cash	1,650
Other	0
Total Estimated Cost	\$3,400
Allocation thru 2004	\$28
Allocation for FY 2005	0
Allocation for FY 2006	49
Allocation for FY 2007	423
Balance to Complete after FY 2007	1,250
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Execute Feasibility Cost Sharing Agreement and initiate Feasibility Phase by March 2007. Hold public workshop and complete baseline studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion by FY 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons: **Bono** (CA-45), Calvert (CA-44), Issa (CA-49), Lewis (CA-41)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: San Joaquin Valley Region, CA

AUTHORIZATION: Flood Control Act of 1936 (PL 74-738, Sec. 6)

LOCATION: The project is located in the San Joaquin Valley, in southern California, and includes the counties of Stanislaus, Madera, Merced, Fresno, Kings, Tulare and Kern.

DESCRIPTION: A draft reconnaissance study recommended the pursuit of a watershed management plan for the San Joaquin Valley. The watershed management plan would develop goals and objectives targeting improvements to flood protection, water supply, water quality, and environmental restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$2,649
Estimated Non-Federal Cost	2,550
Cash	2,550
Other	0
Total Estimated Cost	\$5,199
Allocations thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	99
Allocation for FY2007	50
Balance to Complete after FY 2007	2,500
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete reconnaissance study, sign Feasibility Cost Sharing Agreement, and initiate feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Reconnaissance – FY2007; feasibility is unscheduled.

OTHER INFORMATION: A 2005 summit to initiate development of an integrated and comprehensive water plan for seven counties in the San Joaquin Valley resulted in ongoing coordination through four working groups to develop regional water needs associated with flood protection, water quality, and environmental enhancement. A letter of intent has not yet been received in conjunction with the drafted reconnaissance study report.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Cardoza (CA-18); Radanovich (CA-19); Costa (CA-20); Nunes (CA-21); McCarthy (CA-22); Senators Boxer and Feinstein

DISTRICT: Sacramento District

Date: 28 March 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: San Pablo Bay Watershed, CA

AUTHORIZATION: Northern California Streams, Section 209, Flood Control Act of 1962

LOCATION: The watershed is within the San Francisco Bay drainage basin in Marin, Sonoma, Napa, Solano and Contra Costa counties. San Pablo Bay is the northern arm of San Francisco Bay.

DESCRIPTION: The study will support and encourage non-Federal partners interests in natural resources protection and restoration of the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$2,700
Estimated Non-Federal Cost	2,700
Cash	475
Other	2,225
Total Estimated Cost	\$5,400
Allocation thru FY 2004	\$1,060
Allocation for FY 2005	275
Allocation for FY 2006	290
Allocation for FY 2007	200
Balance to Complete after FY 2007	875
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Activities include continue feasibility, including identification of restoration areas, development of project restoration plans and provide technical, planning, and design assistance to non-Federal partners.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility completion in FY 2009.

OTHER INFORMATION: San Pablo Bay Watershed and its associated wetlands are a critical stop along the Pacific Flyway, hosting tens of thousands of migratory waterfowl, shorebirds, and other avian species.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01, Woolsey CA-06, Miller CA-07, Pelosi CA-08

DISTRICT: San Francisco

Date: 03 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Santa Ana River and Tributaries, Big Bear Lake, CA

AUTHORIZATION: Santa Ana River Basin & Orange County (SARBOC) adopted by Resolution of Committee on Public Works, House: 8 May 64

LOCATION: The study area is located in the San Bernardino Mountains, San Bernardino County, near the headwaters of the Santa Ana River.

DESCRIPTION: The local lake problems are a result of increased sedimentation deposits, which creates excessive noxious aquatic plant growth that contributes to shallow conditions and water quality issues. The study will address this broad range of issues and solutions for restoration of aquatic, riparian and marsh habitat for fish and wildlife.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$3,800
Estimated Non-Federal Cost	3,800
Cash	0
Other	3,800
Total Estimated Cost	\$7,600
Allocation thru 2004	251
Allocation for FY 2005	815
Allocation for FY 2006	1,386
Allocation for FY 2007	1,000
Balance to Complete after FY 2007	348
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Conduct feasibility scoping meeting, prepare alternatives for Alternative Formulation Workshop, hold Alternative Review Conference (F-4) and complete the Alternative Formulation Briefing.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Lewis** (CA-41)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Santa Clara River Watershed, CA

AUTHORIZATION: Resolution by the Committee on Public Works, June 18, 1963; Public Law 406, 75th Congress, approved August 28, 1937

LOCATION: The Santa Clara River watershed is approximately 1,600 square miles and encompasses portions of Ventura and Los Angeles Counties.

DESCRIPTION: The study will address problems and needs associated with flooding and ecosystem restoration. Key elements of the study are to develop mathematical models for Hydrologic, Hydraulic and Sediment conditions within the watershed. Problems and opportunities will be developed and awarded in a watershed perspective. The product of this effort is a watershed management plan.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$4,050
Estimated Non-Federal Cost	4,050
Cash	(140)
Other	(3,910)
Total Estimated Cost	\$8,100
Allocation thru 2004	\$47
Allocation for FY 2005	179
Allocation for FY 2006	247
Allocation for FY 2007	600
Balance to Complete after FY 2007	2,977
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Complete baseline hydraulic model and work toward baseline conditions report (F3).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2012.

OTHER INFORMATION: Limited funding for this study continues to slow study progress. Most of the ongoing efforts are focused on project coordination. The sponsors have an urgent need to complete this study. The Corps continues to try and maximize study progress, given available funding. Until more funding is received project schedule will continue to slip.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Capps** (CA-23), **Gallegly** (CA-24), **McKeon** (CA-25)

DISTRICT: Los Angeles

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Santa Cruz River, Grant to Ft. Lowell Road (El Rio Medio), AZ.

AUTHORIZATION: Flood Control Act 1938 (Gila River & Tributaries), and House Resolution 2425, 17 May 1994

LOCATION: The Santa Cruz River reach from Congress to Prince (local name is El Rio Medio) is located approximately 5 miles northwest of downtown Tucson, AZ.

DESCRIPTION: The study would determine if there is Federal interest in providing ecosystem restoration along the river in this reach. The study would address restoration opportunities and identify measures that restore valuable environmental resources of the Santa Cruz River, restore riparian and wetland habitat, and improve water quality through natural filtration in constructed wetlands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,715
Estimated Non-Federal Cost	1,715
Cash	(170)
Other	(1,545)
Total Estimated Cost	\$3,430
Allocation thru 2004	\$100
Allocation for FY 2005	276
Allocation for FY 2006	523
Allocation for FY 2007	400
Balance to Complete after FY 2007	416
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at (7%)	N/A

FY 2007 ACTIVITIES: Complete Preliminary Alternatives (F4).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2008.

OTHER INFORMATION: Development could over take some of the Project Area.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman Pastor (AZ-4), **Grijalva** (AZ-7); Gifford (AZ-8), Senator Kyl

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Santa Cruz River (Paseo de las Iglesias), AZ.

AUTHORIZATION: Flood Control Act of 1938 (Gila River and Tributaries) and House Resolution 2425, 17 May 1994.

LOCATION: The Santa Cruz River (Paseo de las Iglesias) is located in southeast Arizona within Pima County and flows through the city of Tucson, the second largest city in Arizona.

DESCRIPTION: The study will investigate the design and development of low flow bank protection, incorporating historical, cultural, flood control, recreation, water resources, and environmental restoration. Emphasis will be placed on ecosystem restoration of existing degraded riparian habitat.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$3,750
Estimated Non-Federal Cost	1,250
Cash	(1,250)
Other	0
Total Estimated Cost	\$5,000
Allocation thru 2004	\$0
Allocation for FY 2005	0
Allocation for FY 2006	50
Allocation for FY 2007	50
Balance to Complete after FY 2007	3,650
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at (7%)	N/A

FY 2007 ACTIVITIES: Complete Draft PED PMP.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable PED phase completion in FY 2010.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen Pastor (AZ-4), **Grijalva** (AZ-7), Gifford (AZ-8)  
Senator Kyl

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT /STUDY NAME: Santa Fe, New Mexico

AUTHORIZATION: Rio Grande and Tributaries, Flood Control Act, approved August 18, 1941 (PL 228-77) and House Resolution dated April 11, 1974.

LOCATION: The study is located in Santa Fe County, New Mexico, along the Santa Fe River in north central New Mexico.

DESCRIPTION: The study will take a regional and collaborative perspective making recommendations for flood damage reduction, environmental restoration, and watershed planning within the Santa Fe River watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>FEASIBILITY</u>
Estimated Federal Cost	\$550
Estimated Non-Federal Cost	550
Cash	( 550)
Other	( 0)
Total Estimated Cost	\$1,100
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	207
Allocation for FY 2007	93
Balance to Complete After FY 2007	250
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Continue the cost-shared watershed study.

EARLIEST ATTAINABLE COMPLETION FOR PHASE: Optimal funding would enable completion of the cost-shared watershed study in FY 2009.

OTHER INFORMATION: The study area has suffered from flooding, erosion, and environmental degradation for many years. The City of Santa Fe and Santa Fe County are the joint local sponsors. Additional authorization is not needed to implement the request.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Udall, NM-03.

DISTRICT: Albuquerque

Date: 30 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Santa Rosa Creek Ecosystem Restoration, CA

AUTHORIZATION: House Committee on Public Works Resolution, September 1994

LOCATION: Santa Rosa Creek is located in Santa Rosa, California.

DESCRIPTION: Santa Rosa Creek, a tributary to the Russian River, was channelized by the Soil Conservation Service in the 1960s to provide flood control protection to the surrounding City of Santa Rosa. The existing flood control structures have resulted in habitat loss. The sponsor initiated this study in 1999 to restore the degraded areas and restore parts of the creek as salmonid spawning habitat. A draft hydrologic study, completed in August 2002, concluded that the predicted one percent flows on the Santa Rosa Creek significantly exceed the capacity of the existing flood control structures. The sponsor has reviewed the Corps' hydrologic study and has requested that flood damage reduction be incorporated as a purpose of this study.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$2,500
Estimated Non-Federal Cost	2,500
Cash	1,250
Other	1,250
Total Estimated Cost	\$ 5,000
Allocation thru FY 2004	\$ 615
Allocation for FY 2005	266
Allocation for FY 2006	297
Allocation for FY 2007	275
Balance to Complete after FY 2007	1,047
Benefit to Cost Ratio Applicable rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Completion of the surveying and topographic mapping effort, which will be crucial in the development of existing floodplains and habitat surveys.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2011.

OTHER INFORMATION: There has been an impact to the study's schedule due to over a year delay in the survey/mapping effort being conducted by the Sponsor. The Corps and the Sponsor are working together to resolve the schedule impact. The mapping is important to determine the floodplains and associated flood damage reduction benefits. This information is needed to determine if the flood damage reduction component should be added to the study. The District requested the F3 milestone conference include a feasibility-scoping meeting to revisit the scope of the remaining feasibility work. At this time, it would be decided whether to include the flood damage reduction component, which would double the cost and time of the study. If this component is added, it could result in a nine year Feasibility Study, requiring funding at an average of \$500,000 per year.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01, Woolsey CA-06

DISTRICT: San Francisco

Date 03 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Sonoma Creek & Tributaries, CA

AUTHORIZATION: Northern California Streams, Section 209, Flood Control Act of 1962

LOCATION: Sonoma County, California

DESCRIPTION: Provide environmental restoration and flood protection. Potential solutions to be considered are flood plain restoration, setback levees for flood protection and stream restoration, beneficial reuse of dredged material, and geomorphic modifications to protect, restore, and enhance restoration of tidal, seasonal, and freshwater wetlands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$2,250
Estimated Non-Federal Cost	2,250
Cash	0
Other	2,250
Total Estimated Cost	\$4,500
Allocation thru FY 2004	\$ 352
Allocation for FY 2005	150
Allocation for FY 2006	299
Allocation for FY 2007	100
Balance to Complete after FY 2007	1,349
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue feasibility phase work, including hydrologic and hydraulic analyses, environmental baseline data collection, and sediment modeling to establish baseline conditions of the watershed.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility study completion in FY 2009.

OTHER INFORMATION: N/A

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01, Woolsey CA-06, Miller CA-07

DISTRICT: San Francisco

Date: 04 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental

PROJECT/STUDY NAME: Sun Valley Watershed, CA

AUTHORIZATION: House Public Works & Transportation Committee Resolution dated 11 June 1969. (LACDA).

LOCATION: The Sun Valley watershed study area is adjacent to the Tujunga Wash watershed in Sun Valley on the east side of the San Fernando Valley near Los Angeles, CA.

DESCRIPTION: The Sun Valley watershed study has potential Federal interest in the Tujunga Wash Environmental Restoration 905(b) Reconnaissance report. The study will evaluate the potential for environmental restoration and flood damage reduction within the Sun Valley Watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Feasibility</u>
Estimated Federal Cost	\$1,250
Estimated Non-Federal Cost	1,250
Cash	(740)
Other	(510)
Total Estimated Cost	\$2,500
Allocation thru 2004	\$0
Allocation for FY 2005	0
Allocation for FY 2006	25
Allocation for FY 2007	200
Balance to Complete after FY 2007	1,025
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Initiate feasibility phase (F1) and hold public workshop.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2010.

OTHER INFORMATION: The Ventura County Water Protection District (VCWPD) continues efforts to prepare the baseline Hydrology model. LA County is initiating steps to build the sedimentation model. The Corps is participating in these activities with the eye toward the hydraulic mode. Most of our work is coordinating and strategizing efforts to best utilize funds and ultimately accomplish study goals. FEMA has a program that will update the flood maps for the Santa Clara River. The Corps has had some issues using FEMA's maps in the past (Mugu Study) as some of their policies and procedures are different than the Corps'.

ADMINISTRATION POSITION: Administration supports environmental restoration studies.

CONGRESSIONAL INTEREST: Congresspersons **Berman** (CA-28), **Sherman** (CA-27), **Royball-Allard** (CA-34).

DISTRICT: Los Angeles

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Tahoe Basin, CA & NV

AUTHORIZATION: Committee Resolution, United States Senate, 19 Dec 95

LOCATION: The project is the Lake Tahoe Basin watershed in the Sierra Nevada Mountains straddling the border of California and Nevada approximately 50 miles southwest of Reno, NV.

DESCRIPTION: Lake Tahoe is a valuable environmental resource. Habitats have been substantially altered through construction and development activities resulting in significant losses in water quality and ecosystem diversity. The principal purpose of this PED is to provide design of watershed implementation activities including technical and regulatory structures to improve environmental quality at Lake Tahoe while maintaining health of the economy.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>PED</u>
Estimated Federal Cost	\$ 2,743
Estimated Non-Federal Cost	915
Cash	915
Other	0
Total Estimated Cost	\$3,658
Allocation thru FY 2004	\$ 93
Allocation for FY 2005	801
Allocation for FY 2006	801
Allocation for FY 2007	800
Balance to Complete after FY 2007	248
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Initiate regional regulatory environmental impact statement, complete regional water quality improvement standards, complete environmental threshold environmental assessment, complete interim allocation environmental assessment, and continue other PED activities.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Heller (NV-2); Doolittle (CA-4); Senators Reid and Ensign (NV); Senator Feinstein (CA)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Tahoe Regional Planning, CA & NV

AUTHORIZATION: Section 211, WRDA 99 (amends Sec 503 of WRDA 96)

LOCATION: The project is the Lake Tahoe Basin watershed in the Sierra Nevada Mountains straddling the border of California and Nevada.

DESCRIPTION: Lake Tahoe is a valuable environmental national resource. Habitats have been substantially altered through development and construction activities resulting in significant losses in water quality and ecosystem diversity. The principal purpose of this authority is to provide watershed management technical assistance to non-Federal entities in the implementation of pre-construction and programmatic assistance in support of the \$1.5 billion local, state, Federal and private Environmental Improvement Program (EIP), a broad watershed restoration effort.

	FY 2007
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$2,200
Estimated Non-Federal Cost	1,800
Cash	1,800
Other	0
Total Estimated Cost	\$4,000
Allocation thru FY 2004	\$ 78
Allocations for FY 2005	204
Allocations for FY 2006	495
Allocation for FY 2007	300
Balance to Complete after FY 2007	1,123
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Continue technical infrastructure partnership assistance, continue Tahoe Regional Planning Agency (TRPA) technical assistance, and continue Incline Village General Improvement District assistance.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Completion is unscheduled at this time.

OTHER INFORMATION: Multiple agreements with several watershed agencies are anticipated. First agreement with TRPA provides assistance with the EIP Science Advisory Group structure. Subsequent cost share agreements are being negotiated with Tahoe California Conservancy, Incline Village, and Tahoe Regional Planning Agency.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Heller (NV-2); Doolittle (CA-4); Senators Reid and Ensign (NV); Senator Feinstein (CA)

DISTRICT: Sacramento  
Date: 28 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: The Coyote Creek, Lower San Gabriel Watershed, CA

AUTHORIZATION: Flood Control Act of 1936, House Resolution dated 8 May 1964

LOCATION: Orange County and Los Angeles County, CA

DESCRIPTION: Study area is 25 miles east of L.A. in Orange County and L.A. County, CA in the Coyote Creek-Lower San Gabriel River watershed encompassing approximately 165 sq miles. The Coyote Creek-Lower San Gabriel River watershed has been altered by urban development. Study objectives will address watershed management, ecosystem restoration, water quality improvement and flood protection in the watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,700
Estimated Non-Federal Cost	1,700
Cash	900
Other	800
Total Estimated Cost	\$3,400
Allocation thru 2004	\$97
Allocation for FY 2005	96
Allocation for FY 2006	346
Allocation for FY 2007	119
Balance to Complete after FY 2007	1,042
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: Finalize Watershed Management Plan; identify potential study to be pursued as a federal implementation project; initiate development of baseline technical products in support of Corps study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen **Royce** (CA-40) and **Rohrabacher** (CA-46)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Westminster, East Garden Grove Watershed Study, CA

AUTHORIZATION: Control Act of 1936, House Resolution dated 8 May 1964

LOCATION: Orange County, CA

DESCRIPTION: The Watershed area encompasses approximately 90 square miles and is located in Western Orange County 25 miles southeast of the Los Angeles. Study will focus on watershed management, flood control, ecosystem restoration, water quality and water supply solutions. The watershed lies on a flat coastal plain, and is almost entirely urbanized with residential and commercial development.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$3,130
Estimated Non-Federal Cost	3,130
Cash	2,231
Other	899
Total Estimated Cost	\$6,260
Allocation thru 2004	\$70
Allocation for FY 2005	331
Allocation for FY 2006	495
Allocation for FY 2007	840
Balance to Complete after FY 2007	1,394
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete Baseline Conditions Report and initiate Alternative Analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen **Royce** (CA-40) and **Rohrabacher** (CA-46)

DISTRICT: Los Angeles

Date: 4 April 2007

# CONSTRUCTION



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Lower Walnut Creek, CA

AUTHORIZATION: Flood Control Act of 1960

LOCATION: The project is located on Walnut Creek and the lower reaches of its principal tributaries of Pacheco, Grayson, San Ramon, Las Trampas and Galindo Creeks and the lower and upper reaches of Pine Creek in Contra Costa County, California, about 20 miles southeast of San Francisco. The current project provides flood protection to residential, commercial and agricultural lands within the urban and suburban areas of Walnut Creek, Concord, Pacheco, and Pleasant Hill.

DESCRIPTION: The original project included about 22 miles of channel improvements consisting of channel enlargement, channel stabilization, and levees along Walnut Creek and the lower reaches of San Ramon and Las Trampas Creeks, channel improvement of Pine and Galindo Creeks and backwater levees on Lower Grayson and Pacheco Creeks. A general reevaluation report (GRR) was initiated in June 2003 to consider the addition of ecosystem restoration objectives to the authorized project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$ 75,660
Estimated Non-Federal Cost	27,970
Cash	6,510
Other	21,460
Total Estimated Cost	\$103,630
Allocations thru 2004	\$ 72,579
Allocations for FY 2005	97
Allocations for FY 2006	186
Allocation for FY 2007	400
Balance to Complete after FY 2007	2,398
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Develop hydrologic model for watershed; initiate public scoping workshop (F2).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of the GRR in FY 2009.

OTHER INFORMATION: Initiation of additional studies has been severely restricted due to limited availability of funds. Project cost estimate will be updated upon completion of GRR.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Miller (CA-7); Tauscher (CA-10); McNerney (CA-11)

DISTRICT: Sacramento  
Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Rio Salado Phoenix and Tempe Reaches, Arizona

AUTHORIZATION: Flood Control Act of 1938, Section 6 (Gila River & Tribes, AZ & NM), WRDA 1999, Section 101(a)(4)

LOCATION: Phoenix Reach is located along 5 miles of Salt River, from I-10 Bridge to 19th Avenue in the city of Phoenix, Arizona. Tempe Reach is located along 1.3 miles of Indian Bend Wash, from McKellips Road downstream to the confluence with Salt River, and includes two separate reaches of the Salt River upstream and downstream of Tempe Town Lake in the city of Tempe, Arizona.

DESCRIPTION: The project will restore the area with high quality native plant communities, riparian habitat, and recreation opportunities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$74,450
Estimated Non-Federal Cost	41,550
Cash	(33,450)
Other	(8,100)
Total Estimated Cost	\$116,000
Allocation thru 2004	\$43,699
Allocation for FY 2005	14,437
Allocation for FY 2006	7,820
Allocation for FY 2007	6,783
Balance to Complete after FY 2007	1,711
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at (7%)	N/A

FY 2007 ACTIVITIES: Complete construction of Tempe PH2. Complete design of Tempe PH3. Negotiate and Award construction contract for Phoenix Reach PH3. Design and Award Water Treatment Facility contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase completion in FY 2008.

OTHER INFORMATION: None

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority

CONGRESSIONAL INTEREST: Congressmen **Pastor** (AZ-4), **Mitchell** (AZ-5), Senator Kyl, Senator McCain

DISTRICT: Los Angeles

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Tres Rios, Arizona

AUTHORIZATION: WRDA 1992, Section 321; WRDA 1996, Section 301(b)(2); WRDA 2000, Section 101(b)(4)

LOCATION: Tres Rios is located at the confluence of Salt, Gila, and Agua Fria Rivers southwest of the metropolitan area for Phoenix, Arizona.

DESCRIPTION: The project consists of construction of a levee, restoration of 1,200 acres of riparian & wetlands habitat, recreation development including hiking trails, nature walks, comfort stations, ramadas & cultural resources mitigation for identification, protection & recovery of significant Native American artifacts.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$79,950
Estimated Non-Federal Cost	43,050
Cash	(3,000)
Other	(40,050)
Total Estimated Cost	\$123,000
Allocation thru 2004	\$4,722
Allocation for FY 2005	3,104
Allocation for FY 2006	4,439
Allocation for FY 2007	8,000
Balance to Complete after FY 2007	59,685
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at (7%)	N/A

FY 2007 ACTIVITIES: Complete Flood Control Levee PH 1A continuing contract. Complete design and initiate construction for PH 1B of Levee. Complete design on PH1C flood control Levee & Wetlands.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase completion in FY 2012.

OTHER INFORMATION: Sponsor concerned that Corps will not receive sufficient funding to complete regulating Wetlands in time for critical need date of Aug 09.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressmen **Franks** (AZ-2), **Pastor** (AZ-4), Mitchell (AZ-5) **Grijalva** (AZ-7), and Senator Kyl.

DISTRICT: Los Angeles

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Upper Newport Bay Ecosystem Restoration, California

AUTHORIZATION: PL 99-662, WRDA 1986, Section 841, WRDA 2000, Section 101(b)(9)

LOCATION: Located approximately 40 miles SE of Los Angeles, containing a mix of marina and residential development in the lower reach and an 800-acre ecological reserve in the upper bay.

DESCRIPTION: The Upper Newport Bay Ecological Reserve (UNBER) plays a role in providing habitat for a variety of endangered species. Sedimentation has rapidly increased due to urbanization of the watershed affecting the upper reach and the existing federal navigation channel in the lower bay. The project includes dredging of side channels to provide protection to habitat islands, dredging two large capacity sediment basins, relocating a least tern nesting island, and providing restoration measures to the degraded habitat areas and re-establishing wetland and wildlife habitat areas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$25,500
Estimated Non-Federal Cost	13,700
Cash	(12,900)
Other	(800)
Total Estimated Cost	\$39,200
Allocation thru 2004	\$1,616
Allocation for FY 2005	889
Allocation for FY 2006	4,950
Allocation for FY 2007	5,000
Balance to Complete after FY 2007	13,045
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue construction of base contract and options 1 & 2 (sediment basin).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction phase completion in FY 2009.

OTHER INFORMATION: PCA includes a clause to allow sponsor to advance funds for the project. These funds are being used to fund construction on discrete components of the project. A continuing contract was awarded in FY 2005 to ensure seamless construction and to prevent double or triple mobilization costs. OMB has given the project low priority clearance.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congresspersons **Campbell** (CA-48), Sanchez (CA-47)

DISTRICT: Los Angeles

Date: 4 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Bull Creek Channel Ecosystem Restoration, CA

AUTHORIZATION: Section 1135, WRDA 1986 (PL 99-662)

LOCATION: San Fernando Valley, CA

DESCRIPTION: The purpose of the project is to develop approximately 27.9 acres of aquatic, riparian, and native upland habitat to enhance and restore wildlife resources in and adjacent to Bull Creek Channel. The site contains a mixture of native and exotic species. This project would restore scarce, high-value wildlife habitat to an area that has been heavily impacted by urbanization.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$4,283
Estimated Non-Federal Cost	1,595
Cash	1,595
Other	0
Total Estimated Cost	\$5,878
Allocation thru 2004	\$0
Allocation for FY 2005	303
Allocation for FY 2006	1,980
Allocation for FY 2007	2,000
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete Plans & Specification in July 2007. Award fully-funded construction contract by September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in September 2008.

OTHER INFORMATION: Since this project is fully funded, the project will proceed with the Design & Implementation (DI) Phase – which includes initiation of design, negotiation and execution of PCA, plans and specifications, and construction.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Sherman** (CA-27)

DISTRICT: Los Angeles

Date: 4 April 2007



FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: English Creek Aquatic Restoration, CA

AUTHORIZATION: WRDA 1996, Section 206

LOCATION: City of Mission Viejo, CA

DESCRIPTION: English Creek is a city owned and operated drainage course. The project will reestablish a stable, healthy, and sustainable watershed environment by developing an integrated watershed management plan that includes structural and non-structural approaches.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$547
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$547
Allocation thru 2004	\$6
Allocation for FY 2005	90
Allocation for FY 2006	376
Allocation for FY 2007	75
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: The Detailed Project Report (DPR) is scheduled to be completed by mid September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in FY 2007.

OTHER INFORMATION: The current moratorium on Continuing Authorities Program (CAP) projects prevents the project from proceeding into the Design & Implementation (DI) Phase – which includes initiation of design, negotiation and execution of PCA, plans and specifications, and construction. Note that the sponsor's share of Feasibility costs (\$191K) are not due until the DI Phase (Construction phase) as Feasibility costs are funded up-front under the old guidance (projects initiated prior to January 06).

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Miller** (CA-42)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Las Cruces Dam, Dona Ana County, New Mexico

AUTHORIZATION: Section 1135 of the Water Resources Development Act of 1986, as amended.

LOCATION: The project is located in the reservoir pool area formed by the existing Las Cruces flood control dam constructed by the Corps of Engineers in the 1970's.

DESCRIPTION: Proposed improvements would include restoration of riparian vegetation and native Chihuahuan desert vegetation, designated scenic overlooks, wildlife observation areas, trails with interpretive features, and construction of a designated parking facility for visitors and users of the open space.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>FEASIBILITY</u>
Estimated Federal Cost	\$ 810
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 810
Allocation thru 2004	\$ 0
Allocation for FY 2005	33
Allocation for FY 2006	297
Allocation for FY 2007	300
Balance to Complete after FY 2007	180
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Continue feasibility study efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study will be completed in March 2008 with optimal funding.

OTHER INFORMATION: The purpose of the proposed project would be to provide the environmental restoration work that is consistent with established City open space policies and to reflect the needs and preferences of the citizens of Las Cruces. The project would reduce health and safety impacts relating to dust and debris at this site, restore wildlife habitat, control vehicular access, and analyze compatible passive use recreational opportunities.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Congressman Pearce, NM-02

DISTRICT: Albuquerque

Date: 03 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Putah Creek South Fork Preserve, CA

AUTHORIZATION: Section 1135, Water Resources Development Act of 1986

LOCATION: The project site is located near the south levee of South Fork Putah Creek, just southeast of the city of Davis, California.

DESCRIPTION: The project consists of grading and planting for habitat restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007</u> <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$1,134,000
Estimated Non-Federal Cost	739,000
Cash	0
Other	739,000
Total Estimated Cost	\$1,873,000
Allocation thru 2004	\$1,049,000
Allocation for FY 2005	67,000
Allocation for FY 2006	8,000
Allocation for FY 2007	10,000
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Completion of O&M Manual and project closeout.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Thompson (CA-1), Herger (CA-2), Lungren (CA-3)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Rillito River Riparian, AZ

AUTHORIZATION: Section 1135, WRDA 1986 (PL 99-662)

LOCATION: Tucson, AZ

DESCRIPTION: The project is located in the urban Tucson, Arizona region. It has experienced extensive historical losses of riparian and wetlands communities due to channelization and other flood control measures in the region. The project will investigate alternatives to restore wetlands and riparian habitat in the degraded reaches on Rillito River north of downtown Tucson.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$2,918
Estimated Non-Federal Cost	1,097
Cash	1,062
Other	35
Total Estimated Cost	\$4,015
Allocation thru 2004	\$0
Allocation for FY 2005	1,253
Allocation for FY 2006	165
Allocation for FY 2007	1,500
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Phase II and III construction for the project is ready to commence pending award of fully-funded contract. Estimated award date is April 19, 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable project completion by February 2008.

OTHER INFORMATION: Phase I construction completed 06 December 2006.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senator Kyl; Congressman **Grijalva** (AZ-7)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Salt River Restoration Project, California

AUTHORIZATION: WRDA 1996, Section 206

LOCATION: The project area is located on the Salt River near the town of Ferndale in Humboldt County, California.

DESCRIPTION: The proposed project is expected to restore approximately two miles of riparian habitat along the Salt River.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<u>Feasibility</u>
Estimated Federal Cost	\$ 926
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 926
Allocation thru 2004	\$ 55
Allocation for FY 2005	0
Allocation for FY 2006	446
Allocation for FY 2007	425
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete feasibility phase

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Project work was suspended in FY 2004 due to Section 206 funding constraints and fully resumed in FY06.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority. .

CONGRESSIONAL INTEREST: Thompson CA-01

DISTRICT: San Francisco

Date: 4 April 2007

FACT SHEET  
 CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 206  
 Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Sulphur Creek Aquatic Restoration, CA

AUTHORIZATION: WRDA 1996, Section 206

LOCATION: City of Laguna Niguel, Orange County, CA

DESCRIPTION: The project will restore the riparian corridor and reestablish a vegetation community, improve groundwater recharge, and attenuate flood flows. The project consists of two stages: Stage I (North Side) and Stage II (South Side).

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$2,571
Estimated Non-Federal Cost	1,587
Cash	1,075
Other	512
Total Estimated Cost	\$4,158
Allocation thru 2004	\$41
Allocation for FY 2005	1,000
Allocation for FY 2006	590
Allocation for FY 2007	940
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%)	NA

FY 2007 ACTIVITIES: A fully-funded contract is scheduled to be awarded by the end of May and construction is scheduled to commence shortly thereafter. However, a weekly monitoring by an A-E firm through the Environmental staff would be conducted to determine if the southwestern willow flycatchers are nesting from March through Aug 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable Design & Implementation completion by November 2007.

OTHER INFORMATION: Sponsor has requested a LERRD value increase from \$512,200 to \$994,263.

ADMINISTRATION POSITION: Consistent with Administration policy but low in budget priority.

CONGRESSIONAL INTEREST: Congressman **Campbell** (CA-48)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Sweetwater Ecosystem Restoration, CA

AUTHORIZATION: WRDA 1996, Section 206

LOCATION: City of Chula Vista, San Diego County, CA

DESCRIPTION: The project includes the removal of exotic species, remedial grading, and planting native plant species for the purpose of restoring the native riparian habitat. The upper Sweetwater Reservoir has been identified as also needing habitat restoration through filling in the abandoned sand-mining ponds. River bottom sediments that have settled in the open reservoir would be excavated and transported back to the ponds.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$305
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$305
Allocation thru 2004	\$0
Allocation for FY 2005	147
Allocation for FY 2006	70
Allocation for FY 2007	88
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete Detailed Project Report (DPR) by September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in September 2007.

OTHER INFORMATION: The current moratorium on Continuing Authorities Program (CAP) projects prevents the project from proceeding into the Design & Implementation (DI) Phase. Note: the sponsor's share of Feasibility costs (\$107K) are not due until the DI Phase begins since Feasibility costs were federally funded up-front under the old guidance (projects initiated prior to January 06).

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Hunter** (CA-52)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Tamarisk Eradication, CO

AUTHORIZATION: Section 206, Water Resources Development Act of 1996

LOCATION: The proposed project is located along the Colorado River and adjacent areas in Mesa County, starting at the Colorado/Utah state line and extending 52 miles upstream to the west entrance to Dubuque Canyon and consists of various management measures to restore aquatic and hydrologic functions and conditions and related riparian and seasonal wetland habitats.

DESCRIPTION: This stretch of river is critical habitat for four Colorado River endangered fish species. Project features include specific actions to restore fish spawning areas, flood plain hydrology, riparian habitat, and access to critical habitat for endangered fish. These actions will include exotic vegetation (e.g., tamarisk and Russian olive) removal and management, riverbank improvements, and native revegetation to restore bottomland flood plain habitat.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Design &amp; Implementation</u>
Estimated Federal Cost	\$4,731
Estimated Non-Federal Cost	2,547
Cash	2,547
Other	0
Total Estimated Cost	\$7,278
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	19
Allocation for FY 2006	396
Allocation for FY 2007	85
Balance to Complete after FY 2007	4,231
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continue feasibility phase.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility - FY2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Salazar (CO-3)

DISTRICT: Sacramento

Date: 28 March 2007



FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Tujunga Wash Environmental Restoration, CA

AUTHORIZATION: Section 1135, WRDA 1986 (PL 99-662)

LOCATION: San Fernando Valley, CA

DESCRIPTION: Study will investigate the potential of restoring just over one half a mile of bank to include native vegetation to recreate lost ecosystems in the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$531
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$531
Allocation thru 2004	\$0
Allocation for FY 2005	79
Allocation for FY 2006	427
Allocation for FY 2007	25
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete Detailed Project Report (DPR) in mid September 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable feasibility phase completion in September 2007.

OTHER INFORMATION: The current moratorium on Continuing Authorities Program (CAP) projects prevents the project from proceeding into the Design & Implementation (DI) Phase. Note: sponsor's share of Feasibility costs (\$133K) are not due until the DI Phase begins since Feasibility costs are federally funded up-front under the old guidance (projects initiated prior to January 06).

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Congressman **Berman** (CA-28)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION, CONTINUING AUTHORITIES PROGRAM, SECTION 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT/STUDY NAME: Upper York Creek Dam Removal and Restoration, Ca

AUTHORIZATION: WRDA 1996, Section 206

LOCATION: The project area is located approximately 60 miles northwest of San Francisco, in the city of St Helena, Napa County, California.

DESCRIPTION: The proposed project would restore the aquatic corridor for the federally listed, threatened steelhead and other aquatic based wildlife. The proposed project would also restore approximately 3 acres of riparian and riverine habitat near dam and reservoir.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY2007 (\$000) <u>Design/Implementation</u>
Estimated Federal Cost	\$3,998
Estimated Non-Federal Cost	2,153
Cash	1,986
Other	167
Total Estimated Cost	6,151
Allocation thru 2004	\$ 392
Allocation for FY 2005	327
Allocation for FY 2006	417
Allocation for FY 2007	40
Balance to Complete after FY 2007	2,812
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Obtain MSC Commander approval of the Detailed Project Report in April 2007; negotiation of a PCA with the non-Federal sponsor in April-May 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009.

OTHER INFORMATION: Current schedule pending CRA funding limitations and moratorium on new agreements. SPN has requested an exception to the policy limiting new agreements in order to sign a PCA in FY 2007.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Thompson CA-01

DISTRICT: San Francisco District

Date: 4 April 2007

# OPERATION AND MAINTENANCE

FACT SHEET  
OPERATIONS AND MAINTENANCE  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment

PROJECT NAME: Rio Grande Bosque Rehabilitation, New Mexico (Bosque Wildfires)

AUTHORIZATION: Public Law 108-137, Section 116, Energy and Water Development Appropriations Act, 2004

LOCATION: The project is located in the Middle Rio Grande bosque in and around Albuquerque, New Mexico.

DESCRIPTION: The project includes restoration of burned bosque areas and management measures to reduce future fire potential.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>CONSTRUCTION</u>
Estimated Federal Cost	\$ 25,000
Estimated Non-Federal Cost	\$ 0
Cash	( 0)
Other	( 0)
Total Estimated Cost	\$ 25,000
Allocation thru FY 2004	\$ 3,000
Allocation for FY 2005	\$ 4,677
Allocation for FY 2006	\$ 3,960
Allocation for FY 2007	\$ 250
Balance to Complete after FY 2007	\$ 13,113
Benefit to Cost Ratio Applicable rate (____%)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Restore areas that were burned during the summer of 2003 and undertake management measures that will reduce the fire potential in areas with a high fire risk. Measures will include removal of unnecessary jettyjacks, removal of dead wood, removal of non-native plants, planting of native species and related restoration and public safety measures.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project will continue with measures that include removal of unnecessary jettyjacks, removal of dead wood, removal of non-native plants, planting of native species and related restoration and public safety measures.

OTHER INFORMATION: Following fires that occurred in the Rio Grande Bosque in July 2003, Congress authorized the Corps to assist with restoration of the burned area and removal of flammable debris in the bosque. Funds were earmarked in the Corps' Operation and Maintenance budget to undertake this work in fiscal years 2004, 2005, and 2006.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Wilson, NM-01

DISTRICT: Albuquerque

Date: 30 March 2007

# WATER SUPPLY

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: City of Inglewood, CA

AUTHORIZATION: WRDA 1992, Section 219 (c) amended by Consolidated Appropriations Act, 2001, Section 108(a)(26)

LOCATION: The city of Inglewood is located in the south central part of Los Angeles County, California.

DESCRIPTION: The city of Inglewood is mostly a residential community and has a population of approximately 116,000 people. The proposed work will conduct corrosion investigation of two water storage tanks, analysis of the water quality and recommend alternatives for the water treatment process at the city's water treatment plant. The study will also investigate and recommend improvements to the water quality of the city's two reservoirs which will provide a more dependable water supply for the city.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$861
Estimated Non-Federal Cost	280
Cash	280
Other	0
Total Estimated Cost	\$1,141
Allocation thru 2004	\$320
Allocation for FY 2005	317
Allocation for FY 2006	124
Allocation for FY 2007	100
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete water quality studies with recommendations and design plans for upgrading the water treatment plant.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable special study completion in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congresswoman **Waters** (CA-35)

DISTRICT: Los Angeles

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: City of Norwalk, CA

AUTHORIZATION: WRDA 1992, Section 219(c) amended by Consolidated Appropriations Act, 2001, Section 108(a)(28)

LOCATION: The City of Norwalk is located in the southwest part of Los Angeles County, California.

DESCRIPTION: The City of Norwalk is mostly a residential community with a population of approximately 94,000 people. The proposed study will upgrade fire system and water transmission main. The project will also address the Drainage System Master Plan and the Urban Runoff Plan.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$386
Estimated Non-Federal Cost	126
Cash	126
Other	0
Total Estimated Cost	\$512
Allocation thru 2004	\$130
Allocation for FY 2005	127
Allocation for FY 2006	79
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Complete design of additional water well and associated piping. Complete Final Plans and Specifications for Amendment #2 and preliminary Plans and Specifications for Amendment #3.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of Amendment #3 of this Special Study in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congresswoman **Napolitano** (CA-38)

DISTRICT: Los Angeles

Date: 4 April 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Desert Hot Springs, CA

AUTHORIZATION: WRDA 1992, Section 219 (c) amended by Consolidated Appropriations Act of 2001, Section 108 (a) (23)

LOCATION: The study area is located approximately 110 miles east of Los Angeles in the city of Desert Hot Springs, Riverside County, California.

DESCRIPTION: The proposed work will provide plans and design to protect one of the premier groundwater resources in the country by collecting and treating wastewater and abatement of septic tanks systems that threaten the high-quality groundwater aquifer and help create a sufficient stream of recycled wastewater.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$653
Estimated Non-Federal Cost	215
Cash	215
Other	0
Total Estimated Cost	\$868
Allocation thru 2004	\$246
Allocation for FY 2005	159
Allocation for FY 2006	198
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Continue working on the Wastewater Master Plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable special study completion in FY 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons **Lewis** (CA-41); **Bono** (CA-45)

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Eastern Municipal Water District, CA

AUTHORIZATION: WRDA 1992, Section 219(c)(24) as amended by Consolidated Appropriations Act Of 2001, Section 108 (a)(24)

LOCATION: The project area is in Riverside County, and west of the San Jacinto Mountains.

DESCRIPTION: The project will consist of preliminary engineering investigations, design, and environmental documentation for over 30 miles of non-reclaimable waste pipelines, and pumping plants required to manage high salinity wastes and brines resulting from industrial processes and water desalination.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$4,000
Estimated Non-Federal Cost	1,300
Cash	1,300
Other	0
Total Estimated Cost	\$5,300
Allocation thru 2004	\$102
Allocation for FY 2005	0
Allocation for FY 2006	990
Allocation for FY 2007	0
Balance to Complete after FY 2007	2,908
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: With carryover from FY 06, award contract to complete Plans and Specifications for the Perris Valley Brine Line and initiate contract to investigate other potential brine line corridors.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable completion of Special Study by FY 2009.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons: **Lewis** (CA-41), Calvert (CA-44), Bono (CA-45).

DISTRICT: Los Angeles

Date: 4 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Orange County Special Area Management Plan, CA

AUTHORIZATION: Res by the Committee on Public works of HR, adopted 8 May 1964, and Section 4 of the Flood Control Act of 1941. HR2425, 14 May 94.

LOCATION: San Diego Creek and San Juan Creek/western San Mateo Creek Watersheds, Orange County, California

DESCRIPTION: Special Area Management Plans (SAMPs) are being conducted in coordination with the existing California Natural Community Conservation plan. SAMPs will provide a comprehensive plan and a balance between economic development and aquatic resource protection. SAMPs will result in geographic areas eligible for abbr. Section 404 permitting procedures local and federal regulatory protections.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$1,917
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$1,917
Allocation thru 2004	\$1,593
Allocation for FY 2005	155
Allocation for FY 2006	167
Allocation for FY 2007	0
Balance to Complete after FY 2007	2
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Complete draft and final EIS for the San Diego Creek SAMP. Complete final EIS/EIR for the San Juan Creek/San Mateo Creek EIS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable special study completion in FY 2007.

OTHER INFORMATION: The SAMPs were scheduled to be completed in FY 2006 but were delayed due to coordination issues with other federal and state agencies. Section 7 consultation pursuant to the Endangered Species Act was not completed until December 2006 for the San Juan Creek/San Mateo Creek EIS.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senator Feinstein, Congresspersons **Miller** (CA-42), **Calvert** (CA-44), **Cox** (CA-48)

DISTRICT: Los Angeles  
Date: 4 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure

PROJECT/STUDY NAME: Cambria Seawater Desalination, California

AUTHORIZATION: WRDA 1992, Section 219; WRDA 1999, Section 502(b); Consolidated Appropriations Act, Section 108(f)(48)

LOCATION: The Cambria Seawater Desalination project area is located in the San Luis Obispo County.

DESCRIPTION: The Cambria Community Services District (CCSD) plans to build a desalination plant to provide an adequate water supply. The proposed work includes design, permitting, environmental documents and construction. The project will include a seawater intake facility, pumping and pipeline network, a pretreatment facility, a reverse osmosis treatment plant, a groundwater mixing facility and a discharge structure.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$10,300
Estimated Non-Federal Cost	3,400
Cash	(3,400)
Other	(0)
Total Estimated Cost	\$13,700
Allocation thru 2004	\$86
Allocation for FY 2005	88
Allocation for FY 2006	0
Allocation for FY 2007	0
Balance to Complete after FY 2007	10,126
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%)	N/A

FY 2007 ACTIVITIES: Initiate work to verify project requirements, including pilot project and environmental coordination.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2012.

OTHER INFORMATION: The Cambria Desalination project consists of a horizontal beach well intake, pumping and pipeline facilities to transport the seawater to a desalination plant, a reverse osmosis (RO) desalination treatment process, a groundwater blending system and pumping facilities to pump the treated water into the distribution system. Seawater concentrate from the RO process flows in a pipeline back to a subsurface exfiltration gallery. The CCSD has limited water supply and has pursued an aggressive water conservation program. New water resources are currently needed to provide Cambria with a reliable water supply.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congressperson **Capps** (CA-23)

DISTRICT: Los Angeles  
Date: 4 April 2007

FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Central New Mexico (Section 593)

AUTHORIZATION: Section 593 of WRDA 1999 and Section 118 of the Energy and Water Development Appropriations Act, 2006 (PL 109-103)

LOCATION: The counties of Bernalillo, Sandoval, and Valencia, New Mexico

DESCRIPTION: The program provides for design and construction assistance to non-Federal interests in the counties of Bernalillo, Sandoval, and Valencia, New Mexico, for publicly owned water-related environmental infrastructure and resource protection and development projects.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY2007 (\$000) CONSTRUCTION</u>
Estimated Federal Cost	\$50,000
Estimated Non-Federal Cost	16,700
Cash	( 16,700)
Other	(     0)
Total Estimated Cost	\$66,700
Allocation thru FY 2004	11,865
Allocation for FY 2005	5,538
Allocation for FY 2006	4,748
Allocation for FY 2007	2,509
Balance to Complete After FY 07	25,340
Benefit to Cost Ratio Applicable rate ( %)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Initiate construction and Black Mesa Phase I. Continue construction of Rio Rancho Water System and the design for the Camino del Llano Storm System.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable initiation of Southern Sandoval Arroyo Flood Control Authority project, Bernalillo County Water Improvement project and initiation of construction of Town of Bernalillo Water Improvements.

OTHER INFORMATION: The Energy and Water Appropriations Act of 2006 (Public Law 109-103) increased the authorized limit of this project to \$50,000,000.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Wilson, NM-01; Pearce, NM-02; and Udall, NM-03

DISTRICT: Albuquerque

02 April 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT NAME: Harbor/South Bay Water Recycling, California

AUTHORIZATION: WRDA 1992, Sec 219(f) as amended by WRDA 1999, Sec 502(b) & amended by Consolidated Appropriations Act of 2001, Sec 108(c)(6), WRDA 2002 Sec 219(c)

LOCATION: The project area is located in Gardena, Torrance, Lomita, Carson, LA, Compton, Inglewood, Hawthorne, Redondo Beach, Palos Verdes, Rolling Hills, and Rancho Verde Estates.

DESCRIPTION: The project is part of the West Basin Municipal Water District's recycled water distribution system expansion.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$35,000
Estimated Non-Federal Cost	11,700
Cash	(11,700)
Other	(0)
Total Estimated Cost	\$46,700
Allocation thru 2004	\$6,747
Allocation for FY 2005	5,126
Allocation for FY 2006	2,970
Allocation for FY 2007	5,324
Balance to Complete after FY 2007	14,833
Benefit to Cost Ratio Applicable rate %	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete Madrona Lateral, Lateral 10, and Preliminary Design Report of Lateral 6B and initiate P&S for Lateral 6B and initiate construction of 1 to 3 more laterals.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2010.

OTHER INFORMATION: The West Basin water-recycling program would develop up to 70,000 acre-ft of alternative water resources annually & provide a reliable water supply.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons Roybal-Allard (CA-34), **Waters** (CA-35), **Harman** (CA-36), **Millender-McDonald** (CA-37), Sanchez (CA-39), **Rohrabacher** (CA-46), Senator Feinstein

DISTRICT: Los Angeles

Date: 4 Apr 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Lake Davis Water Treatment Plant, CA

AUTHORIZATION: Sec. 133 of the Energy and Water Development Appropriations Act, 2004 (amended Sec. 219 of WRDA 1992)

LOCATION: The project is located in Plumas County, California.

DESCRIPTION: The Corps will assist Plumas County with construction of the Lake Davis 1.5 MGB water treatment plant.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$2,500
Estimated Non-Federal Cost	1,825
Cash	1,825
Other	0
Total Estimated Cost	\$4,325
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	2,475
Allocation for FY 2007	0
Balance to Complete after FY 2007	25
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Negotiate and execute Project Cooperation Agreement; review design; initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction - FY2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Doolittle (CA-4)

DISTRICT: Sacramento

Date: 28 March 2007



FACT SHEET  
CONSTRUCTION GENERAL  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure (Water Supply)

**PROJECT/ STUDY NAME:** New Mexico Environmental Infrastructure (Section 595) (Idaho, Montana, Rural Nevada, New Mexico and Rural Utah).

**AUTHORIZATION:** Section 595 of the Water Resources Development Act of 1999 (PL 106-53) amended by FY 2004 Energy and Water Development Appropriations Act (PL 108-137) to include the entire state of New Mexico

**LOCATION:** State of New Mexico.

**DESCRIPTION:** The program provides for design and construction assistance to non-Federal interests in New Mexico for publicly owned water-related environmental infrastructure and resource protection and development projects.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	<b>FY2007 (\$000)</b> <u>CONSTRUCTION</u>
Estimated Federal Cost	\$ 25,000
Estimated Non-Federal Cost	8,300
Cash	( 8,300)
Other	( 0)
Total Estimated Cost	\$ 33,300
Allocation thru FY 2004	\$ 0
Allocation for FY 2005	586
Allocation for FY 2006	4,950
Allocation for FY 2007	0
Balance to Complete After FY 2007	19,464
Benefit to Cost Ratio Applicable Rate ( %)	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

**FY 2007 ACTIVITIES:** Initiate construction contract for Eunice Water Supply, Pecos Waste Water Treatment Phase I, and Questa Waste Water System.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Optimal funding would enable initiation of Miami Water Supply, Blue Hole Lake Phase II, Las Cruces Waste Water Improvements, Grants Waste Water Treatment, and Clayton Utility Improvement.

**OTHER INFORMATION:** There are no economic requirements. The projects can be reimbursable.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy.

**CONGRESSIONAL INTEREST:** Wilson, NM-01; Pearce, NM-02; and Udall, NM-03

**DISTRICT:** Albuquerque

Date: 30 March 2007

FACT SHEET  
CONSTRUCTION, GENERAL  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT NAME: North Valley Regional Water Infrastructure, California

AUTHORIZATION: WRDA 1992, Section 219(f), as amended by WRDA 1999, Section 502(b) and amended by Consolidated Appropriations Act of 2001, Section 108(d)(50)

LOCATION: The project is located in the city of Lancaster, about 50 miles northeast of Los Angeles, in Los Angeles County.

DESCRIPTION: The project will provide critically needed water facilities to the northern sector of the Antelope Valley region, particularly Fox Field Industrial Corridor, an 8,200-acre planned business/industrial park development.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$14,500
Estimated Non-Federal Cost	5,880
Cash	(5,880)
Other	(0)
Total Estimated Cost	\$20,380
Allocation thru 2004	\$283
Allocation for FY 2005	1,809
Allocation for FY 2006	2,399
Allocation for FY 2007	234
Balance to Complete after FY 2007	9,775
Benefit to Cost Ratio Applicable rate %	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete phase I of section I construction contract and initiate Design for section II.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2012.

OTHER INFORMATION: Construction of the North Valley Regional Water Infrastructure Project will help avoid overtaxing the groundwater table in the area and improve fire safety by increasing water pressure.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Congresspersons **Thomas** (CA-22), **McKeon** (CA-25)

DISTRICT: Los Angeles

Date: 4 Apr 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Placer County Sub-Regional Wastewater Treatment, CA

AUTHORIZATION: Section 130 of the Energy and Water Development Appropriations Act, 2004

LOCATION: The project is located in Placer County, California.

DESCRIPTION: This program will improve efficiency and use of existing water supplies through the wastewater treatment project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Construction</u>
Estimated Federal Cost	\$32,000
Estimated Non-Federal Cost	10,667
Cash	10,667
Other	0
Total Estimated Cost	\$42,667
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	1,980
Allocation for FY 2007	0
Balance to Complete after FY 2007	30,020
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Sponsor coordination; negotiate and execute Project Cooperation Agreement; begin review process for reimbursement of sponsor incurred costs.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction - FY2013.

OTHER INFORMATION: The authority provided for the Corps to reimburse the sponsor for incurred design and construction costs. The Corps may also provide design and construction assistance in lieu of reimbursement.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Doolittle (CA-4)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure (Water Supply)

**PROJECT/STUDY NAME:** Restoration of Abandoned Mine Sites Program

**AUTHORIZATION:** WRDA 1999, Sec 560; Omnibus Consolidated Appropriations Act, 2001; Energy and Water Development Appropriations Act 2004, Sec 118

**LOCATION:** Nationwide abandoned and inactive non-coal mines.

**DESCRIPTION:** Restoration of Abandoned Mine Sites (RAMS) Program is a regional, four-Division program established by the Corps in 1999. In response to Corps efforts to develop a new business process within the RAMS program, Congress included Section 560 in the Water Resources Development Act (WRDA) 1999 to authorize the RAMS Program to provide assistance to non-Federal and nonprofit entities to develop, manage, and maintain a database of conventional and innovative, cost effective technologies for reclamation of abandoned and inactive non-coal mine sites. The Omnibus Consolidated Appropriations Act of 2001 (P.L. 106-554) directed the Secretary of the Army to use up to \$5M of previously appropriated funds for RAMS. The Energy and Water Development Appropriations Act of 2004 increased funding authorization by \$2.5M. Implementation plan, program management, and technology database are 100% Federal cost. Scoping, preparing, and negotiation of agreements are cost shared 50%/50%, with the exception being that Federally-managed lands are 100% Federal.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Construction</u>
Estimated Federal Cost	\$7,500
Estimated Non-Federal Cost	756
Cash	756
Other	0
Total Estimated Cost	\$8,256
Allocation thru FY 2004	\$4,906
Allocation for FY 2005	848
Allocation for FY 2006	990
Allocation for FY 2007	100
Balance to Complete after FY 2007	656
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio	N/A

**FY 2007 ACTIVITIES:** Funds are being used to continue program management activities & technical, planning, and design assistance.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Optimal funding of \$656,000 in FY 08 would fully fund the authorized program.

**OTHER INFORMATION:** Continued strong Congressional interest for reauthorization of program in WRDA. Southwestern Division has joined South Pacific, Pacific Ocean and Northwestern divisions in participating in the RAMS program. Funds have been allocated to the RAMS Program level activities, to identify potential sites and sponsors, execute technical assistance agreements, and initiate technical assistance effort.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Young (AK-1); Doolittle (CA-4); Lewis (CA-41); Perlmutter (CO-7); Sali (ID-1); Rehberg (MT at Large); Pearce (NM-2); Heller (NV-2); Porter (NV-3); Bishop (UT-1); Matheson (UT-2); Cannon (UT-3); Senators Stevens and Murkowski (AK); Allard (CO); Craig and Crapo (ID); Wyden (OR); Tester and Baucus (MT); Inhofe (OK); Bond (MO); Reid (NV)

DISTRICT: Sacramento

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure (Water Supply)

**PROJECT/STUDY NAME:** Section 595, Rural Nevada Environmental Infrastructure and Resource Protection Program

**AUTHORIZATION:** WRDA 99 (P.L. 106-377), Sec 595

**LOCATION:** Communities within the state of Nevada that meet program criteria

**DESCRIPTION:** WRDA 99, Sec 595 authority provides reimbursement for design and construction assistance for water supply, wastewater treatment, environmental restoration and surface water protection. Projects are to be cost shared 75% Federal and 25% non-Federal, and the total program is limited to \$100M for Rural Nevada projects.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$100,000
Estimated Non-Federal Cost	33,300
Cash	0
Other	33,300
Total Estimated Cost	\$133,300
Allocations thru FY 2004	\$ 12,418
Allocations for FY 2005	13,802
Allocation for FY 2006	18,757
Allocation for FY 2007	12,100
Balance to Complete after FY 2007	42,923
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

**FY 2007 ACTIVITIES:** Funding received will be used to provide reimbursement to existing Project Cooperation Agreements (PCA's) for Lawton-Verdi, Spanish Springs, Incline Village General Improvement District, Roundhill General Improvement District, Douglas County General Improvement District, Churchill County, Mesquite, Boulder City, Moapa, Virgin Valley, Tonopah, and Goldfield and for signing amended or new agreements. The following communities are anticipated to sign new or amended agreements: Douglas County Sewer Improvement District, Douglas County; McGill-Ruth Consolidated Sewer and Water General Improvement District, White Pine County; Battle Mountain, Lander County; Spanish Springs Valley Phase 1b, Washoe County; and Douglas County General Improvement District.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Program limit of \$100M is anticipated to be reached prior to FY 2010.

**OTHER INFORMATION:** Prior to FY 2006, \$20,358,100 has been reprogrammed out of this program.

**ADMINISTRATION POSITION:** Inconsistent with Administration policy.

**CONGRESSIONAL INTEREST:** Berkley (NV-1); Heller (NV-2); Porter (NV-3); Senators Reid and Ensign

DISTRICT: Sacramento and Los Angeles Districts

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Section 595, Rural Utah Environmental Infrastructure and Resource Protection Program

AUTHORIZATION: WRDA 99 (P.L. 106-377), Sec 595

LOCATION: Communities within the state of Utah that meet program criteria.

DESCRIPTION: WRDA 99, Sec 595 authority provides reimbursement for design and construction assistance for water supply, wastewater treatment, environmental restoration and surface water protection. Projects are to be cost shared 75% Federal and 25% non-Federal. The total program is limited to \$25M for Rural Utah projects.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$25,000
Estimated Non-Federal Cost	8,300
Cash	0
Other	8,300
Total Estimated Cost	\$33,300
Allocations for FY 2004	0
Allocations for FY 2005	64
Allocations for FY2006	9,284
Allocation for FY 2007	0
Balance to Complete after FY 2007	15,652
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funding received will be used to provide reimbursement to existing Project Cooperation Agreements and for signing amended or new agreements. Uintah County and Richmond City anticipate signing new or amended agreements. Coordination for potential new agreements is ongoing with Brigham City, Deweyville, Grantsville, and Mona.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Heller (NV-2); Bishop (UT-1); Matheson (UT-2); Cannon (UT-3); Senators Bennett and Hatch

DISTRICT: Sacramento

Date: 28 March 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Sacramento Area, CA

AUTHORIZATION: Section 502 of Water Resources Development Act (WRDA) 1999 (amended Section 219 of WRDA 1992); Section 133 of Energy and Water Development Appropriations Act, 2004 (amended Section 219 of WRDA 1992)

LOCATION: The project is located in Placer and El Dorado Counties and the San Juan Water District, California.

DESCRIPTION: This region participated in a Water Forum to provide a safe and reliable water supply while preserving the fishery, wildlife, and recreational values of the lower American River. Regional efforts have developed a master plan including conservation and recycling measures to meet water needs while protecting environmental and aesthetic resources. The project identifies water conservation and recycling opportunities for existing water supplies through water and wastewater projects, programs, and infrastructures.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Construction</u>
Estimated Federal Cost	\$35,000
Estimated Non-Federal Cost	12,000
Cash	12,000
Other	0
Total Estimated Cost	\$47,000
Allocation thru FY 2004	\$ 1,950
Allocations for FY 2005	6,554
Allocation for FY 2006	5,940
Allocation for FY2007	2,179
Balance to Complete after FY 2007	18,377
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Continue water meters purchase, water meters installation, water treatment plant construction, waterline construction, and water use efficiency studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: The Corps will participate in technical, design and construction assistance through procurement of private services.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Doolittle (CA-4)

DISTRICT: Sacramento

Date: 27 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: San Ramon Valley Recycled Water, CA

AUTHORIZATION: WRDA 1999, Section 502, b(42)

LOCATION: Project is located in the San Ramon Valley, Contra Costa & Alameda Counties, approximately 25 miles east of San Francisco. It runs from Danville south to Dublin.

DESCRIPTION: The project would include design & construction of 8 pump stations, 8 storage reservoirs, & 135 miles of pipeline. The Corps will assist with the design of one pump station & 6,500 feet of pipeline for Phase 1. The project will provide approximately 8,200-acre feet of recycled water annually for landscape irrigation & conserve high quality drinking water for 12,000 families. Additional assistance with future phases is planned.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 15,000
Estimated Non-Federal Cost	135,000
Cash	5,000
Other	130,000
Total Estimated Cost	\$150,000
Allocation thru 2004	\$ 231
Allocation for FY 2005	304
Allocation for FY 2006	2,970
Allocation for FY 2007	1,500
Balance to Complete after FY 2007	9,995
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete design & plans & specifications of pump station & pipeline, & award construction contract for pump station pipeline in May 07.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Optimal funding would enable construction completion in FY 2008.

OTHER INFORMATION: Local interests have invested over \$2 million in planning costs since 1990. The Corps executed a Design Agreement in Nov 2002 with the project sponsor to assist with the design of one pump station & 6,500 feet of pipeline along Bollinger Canyon Road in San Ramon.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Miller CA-7, Lee CA- 9, Tauscher CA-10, McNerney CA-11  
DISTRICT: San Francisco

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure (Water Supply)

PROJECT/STUDY NAME: Tahoe Basin Restoration, CA & NV

AUTHORIZATION: Sec. 108, Title I, Div. C of the Consolidation Appropriations Act, 2005 (H. R. 4818)

LOCATION: The project is the Lake Tahoe Basin watershed in the Sierra Nevada Mountains straddling the border of California and Nevada.

DESCRIPTION: The 2005 Consolidated Appropriations Act includes language creating a new program to provide environmental assistance to non-Federal interests in the Lake Tahoe Basin. Assistance under this section may be in the form of planning, design, and construction assistance for water related environmental infrastructure and resource protection and development projects including urban stormwater conveyance, treatment and related facilities; watershed planning, science and research; environmental restoration; and surface water resources protection and development.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$25,000
Estimated Non-Federal Cost	8,300
Cash	8,300
Other	0
Total Estimated Cost	\$33,300
Allocation thru FY 2004	\$ 0
Allocations for FY 2005	0
Allocations for FY2006	3,505
Allocation for FY 2007	2,500
Balance to Complete after FY2007	18,995
Benefit to Cost Ratio Applicable rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete Mill Creek Restoration, initiate stormwater master planning activities, continue water quality risk model, and initiate new agreements for additional work.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Unscheduled at this time.

OTHER INFORMATION: This program, while essentially an environmental infrastructure program, is more narrowly focused on providing direct support to the Environmental Improvement Program (EIP). The EIP is a technically advanced watershed restoration effort in year 6 of a 15 year plan and provides the maximum flexibility for the Corps to provide assistance to projects.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Heller (NV-2); Doolittle (CA-4): Senators Reid and Ensign (NV); Senator Feinstein (CA)

DISTRICT: Sacramento

Date: 28 March 2007

SOUTHWESTERN DIVISION

ENACTED FACT SHEETS FY2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION



# INVESTIGATIONS

FACT SHEET  
INVESTIGATION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Abilene, TX (Brazos River Basin)

AUTHORIZATION: Senate Resolution dated 12 August 1954

LOCATION: The study area is located along Elm Creek in and around the city of Abilene, Taylor County, Texas.

DESCRIPTION: The study, a reassessment of a previously uncompleted cost-shared feasibility study conducted by the Corps of Engineers in 1991, consists of a reanalysis utilizing new topographic surveys, updated hydraulic models and economics, current environmental considerations, and land use changes, to determine if a viable project still exists.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 1,448
Estimated Non-Federal Cost	1,191
Cash	450
Other	741
Total Estimated Cost	\$ 2,639
Allocation thru 2004	\$ 585
Allocation for FY 2005	99
Allocation for FY 2006	99
Allocation for FY 2007	160
Balance to Complete after FY 2007	505
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to complete the hydraulic models and existing conditions assessments for the study area.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration.

CONGRESSIONAL INTEREST: Neugebauer, TX-19.

DISTRICT: Fort Worth District

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Study

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**STUDY NAME:** Buffalo Bayou and Tributaries, White Oak Bayou, Texas

**AUTHORIZATION:** Section 211 of the WRDA 1996 (Construction subject to ASA(CW) approval; Reimbursement for non-Federal work).

**LOCATION:** Houston, Harris County, Texas

**DESCRIPTION:** White Oak Bayou is a tributary channel to Buffalo Bayou and Tributaries, and is located within the city limits of Houston, Texas. The stream extends approximately 26 miles to a terminus near State Highway 290. The primary study area problem is frequent flooding of residential properties along White Oak Bayou, and its tributaries. A series of detention reservoirs and channel adjustments in the upper reaches could facilitate drainage in the watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$ 4,156
Estimated Non-Federal Cost	4,006
Cash	(0)
Other	(4,006)
Total Estimated Cost	\$ 8,162
Allocation thru 2004	\$ 450
Allocation for FY 2005	228
Allocation for FY 2006	49
Allocation for FY 2007	100
Balance to Complete after FY 2007	3,329
Benefit to Cost Ratio Applicable rate:	N/A
Benefit to Cost Ratio at 7%:	2
Remaining Benefits Remaining Costs Ratio at 7%:	2.7

**FY 2007 ACTIVITIES:** Corps of Engineers' will provide coordination and oversight of the non-Federal Sponsor's work efforts in completing the feasibility study.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The feasibility study is scheduled for completion (ASA(CW) approval) in FY2009.

**OTHER INFORMATION:** Section 211 of WRDA 96 authorizes non-Federal interests to plan, design, and construct Federal flood control projects, and after approval of the GRR by ASA(CW) be reimbursed up to the Federal share of costs for the work accomplished. The non-Federal sponsor is the Harris County Flood Control District.

**ADMINISTRATION POSITION:** The Administration supports the project due to high priority study outputs for flood damage reduction.

**CONGRESSIONAL INTEREST:** Senators Cornyn and Hutchison (both TX); Congressmen Culberson (TX-7), A. Green (TX-9), G. Green (TX-29); and Congresswoman Jackson Lee (TX-18).

**DISTRICT:** Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: L Colorado Riv, Wharton/Onion, Texas

AUTHORIZATION: Pending Construction Authority in WRDA

LOCATION: The project would provide flood damage reduction, ecosystem restoration and recreation features to Onion Creek, located in the southern portion of the city of Austin and Travis County, and flood damage reduction for the city of Wharton.

DESCRIPTION: The Onion Creek component, with an estimated first cost of \$83.2 million (Oct 2006 prices), would consist of a buyout of approximately 490 structures, with the vacated area being redeveloped to produce ecosystem restoration and passive recreational outputs. The city of Wharton component, with an estimated first cost of \$27.6 million (Oct 2006 prices), would provide flood damage reduction to the city, and would consist of levees, a small channel modification and other associated drainage features. Monetary net benefits for both components are estimated at \$4.9 million annually, with a benefit-to-cost ratio of 1.9 to 1. In addition, the Onion Creek component would produce ecosystem restoration outputs estimated at 62.7 habit units annually.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 1,780
Estimated Non-Federal Cost	593
Cash	593
Other	0
Total Estimated Cost	\$ 2,373
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	200
Balance to Complete after FY 2007	1,580
Benefit to Cost Ratio Applicable rate (4-7/8%)	1.9
Benefit to Cost Ratio at 7%	1.4
Remaining Benefits Remaining Costs Ratio at 7%	1.4

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to develop the project management plan, and to execute the design agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009.

OTHER INFORMATION: The Chief of Engineers' Report was signed on 31 December 2006. The project has a high amount of local interest and support, in both the Austin and Wharton areas.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Paul TX-14; Doggett TX-25.

DISTRICT: Fort Worth District

FACT SHEET  
INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction.

STUDY NAME: Lower Guadalupe and San Antonio Rivers, Texas.

AUTHORIZATION: House Resolution 2547 dated 11 March 1998.

LOCATION: The Lower Guadalupe River Basin from the confluence of the San Antonio and Guadalupe rivers to San Antonio Bay.

DESCRIPTION: An interim feasibility study under the authority for the Guadalupe and San Antonio Rivers (GSAR) to investigate solutions to reduce flooding on the Guadalupe below Victoria, Texas and provide opportunities for ecosystem restoration.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$2,774
Estimated Non-Federal Cost	2,657
Cash	(2,657)
Other	(0)
Total Estimated Study Cost	\$5,431

Allocation thru 2004	\$18
Allocation for FY 2005	99
Allocation for FY 2006	49
Allocation for FY 2007	0
Balance to Complete after FY 2007	2,608
Benefit to Cost Ratio Applicable rate:	NA
Benefit to Cost Ratio at 7%:	NA
Remaining Benefits Remaining Costs Ratio at 7%:	NA

FY 2007 ACTIVITIES: The Study has not been funded in FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility phase could be completed in FY 2012

OTHER INFORMATION: The Guadalupe-Blanco River Authority is exploring other funding sources to accomplish the Feasibility Study.

ADMINISTRATION POSITION: The Administration supports funding for this study due to the high priority study outputs for flood control and ecosystem restoration.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (both TX); Congressmen Paul (TX-14) and Hinojosa (TX-15).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: May Branch, Fort Smith, Arkansas

AUTHORIZATION: Resolution of the Committee on Public Works and Transportation, U.S. House of Representatives, 11 March 1982

LOCATION: May Branch flows through a covered conduit within the city limits of Fort Smith into the Arkansas River.

DESCRIPTION: Flooding causes an estimated \$1.7 million in average annual damages. The project would consist of channels, road and railroad crossings, and a gated structure through the levee.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>FEASIBILITY</u>
Estimated Federal Cost	\$ 836
Estimated Non-Federal Cost	836
Cash	(586)
Other	(250)
Total Estimated Cost	\$ 1,672
Allocation thru 2004	\$ 783
Allocation for FY 2005	45
Allocation for FY 2006	8
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (4.75%)	1.13
Benefit to Cost Ratio at 7%	0.82
Remaining Benefits Remaining Costs Ratio at 7%	0.82

FY 2007 ACTIVITIES: This study was not in the FY 2007 budget.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007.

OTHER INFORMATION: The final report of the Chief of Engineers was signed 19 December 2006. Funds could be used in FY 2008 to begin the PED phase.

ADMINISTRATION POSITION: Supports.

CONGRESSIONAL INTEREST: Arkansas Senators Lincoln and Pryor, Congressman Boozman, AR-3.

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: North Little Rock, Arkansas (Dark Hollow)

AUTHORIZATION: Section 576 of the Water Resources Development Act of 1999

LOCATION: Arkansas, Pulaski County, North Little Rock, Arkansas River

DESCRIPTION: Section 576 of the Water Resources Development Act of 1999 directed the Corps to review the existing plans and determine if a project that replaces the existing Redwood Tunnel is economically justified, environmentally acceptable, and technically sound.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 982,000
Estimated Non-Federal Cost	600,000
Cash	(600,000)
Other	0
Total Estimated Cost	\$1,582,000
Allocation thru 2004	\$ 892,000
Allocation for FY 2005	40,000
Allocation for FY 2006	50,000
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (5.875%)	0.92
Benefit to Cost Ratio at 7%	0.79
Remaining Benefits Remaining Costs Ratio at 7%	0.79

FY 2007 ACTIVITIES: None, project is being terminated because of lack of benefits.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: None

ADMINISTRATION POSITION: N/A

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor (AR); and Representative Snyder (AR-2).

DISTRICT: Little Rock District

Date: 3 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Pine Mountain Dam, Arkansas

AUTHORIZATION: Flood Control Act of 1965

LOCATION: The dam site is located at mile 35.7 on Lee Creek, 12 miles north of the city of Van Buren in Crawford County, Arkansas.

DESCRIPTION: The project consists of a multipurpose reservoir (flood control, water supply, recreation and fish and wildlife enhancement). The reservoir would control runoff from 168 square miles. Capacity would be 261,100 acre-feet of which 93,100 would be for flood control and 168,000 for water supply, fish and wildlife and recreation. A General Reevaluation Report (GRR) and Environmental Impact Statement (EIS) are currently underway.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 8,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 8,000
Allocation thru 2004	\$393
Allocation for FY 2005	79
Allocation for FY 2006	99
Allocation for FY 2007	200
Balance to Complete after FY 2007	7,229
Benefit to Cost Ratio Applicable Rate (3.25%)	1.38
Benefit to Cost Ratio at 7%	1.6
Remaining Benefits Remaining Costs Ratio at 7%	1.6

FY 2007 ACTIVITIES: FY 2007 funds will be used to initiate field surveys, cultural resources investigations, and environmental studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest completion date for the PED phase is 2015.

OTHER INFORMATION: PED is being conducted with 100 percent up-front Federal financing with the non-Federal portion of the PED costs to be provided during the first year of construction. If a plan other than the plan recommended in the 1980 General Design Memorandum is selected as the recommended plan as a result of the GRR and EIS, the project will require reauthorization. Under current Arkansas Department of Environmental Quality regulation the construction of Pine Mountain Dam is not allowed. Lee Creek, the stream on which Pine Mountain Dam is proposed for construction, is designated as an "Extraordinary Resource Waters" (ERW). The ERW regulation, as currently written, does not allow construction of a dam on a stream with that designation. This regulation is currently under review by the Arkansas Pollution Control and Ecology Commission. Revisions to the regulation, if deemed appropriate by the Commission, are expected to be implemented in the summer of 2007.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor (AR); Congressman Boozman, AR-3.

DISTRICT: Little Rock District

Date: 02 Apr 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Project

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME:** Raymondville Drain, Texas

**AUTHORIZATION:** Section 401(a) of Water Resources Development Act of 1986 (PL 99-662).

**LOCATION:** The Raymondville Drain flood damage reduction project is located in the Lower Rio Grande Basin of south Texas within Hidalgo and Willacy Counties.

**DESCRIPTION:** The authorized plan provides for 39.4 miles of channel enlargement from Delta Lake to the Laguna Madre, two new urban laterals totaling 4.4 miles that would convey flood waters from the City of Raymondville to the main channel and a 3.88 mile levee along the west side of the City of Raymondville. These proposed improvements would provide the City of Raymondville with flood protection against a 100-year storm. The Hidalgo County Drainage District (HCDD) #1, non-Federal sponsor, has requested the project be reformulated to provide protection to portions of Hidalgo County, in the vicinity of Edinburg, Texas and to incorporate locally constructed flood control protection in Hidalgo County.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007</u> <u>PED</u>
Estimated Federal Cost	\$ 7,036
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$ 7,036
Allocation thru 2004	\$ 1,588
Allocation for FY 2005	428
Allocation for FY 2006	297
Allocation for FY 2007	600
Balance to Complete after FY 2007	4,123
Benefit to Cost Ratio Applicable rate (5 1/8%):	5.4
Benefit to Cost Ratio at 7%:	4.0
Remaining Benefits Remaining Costs Ratio at 7%:	4.0

**FY 2007 ACTIVITIES:** FY07 funds will be used to complete the Flood Damage Analysis (FDA) Model enabling the formulation of flood control measures and to award a fully funded contract for baseline geotechnical soils investigation in May 2007. Funds will also be used to provide oversight, coordination and review of the project study effort being developed by the HCDD #1 for project features in Hidalgo County to ensure they are in accordance with Corps of Engineers regulations and criteria.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Earliest attainable completion for the General Reevaluation Report is FY 2013.

**OTHER INFORMATION:** One of the non-Federal sponsors, Willacy County has requested their cost share be reviewed against the Ability to Pay provisions of WRDA 1996 or be reduced to 10%. HCDD#1 has stated their intention to construct a portion of the project from Edinburg to Delta Lake. Additional authorization is required to provide credit or reimbursement for this advanced construction.

**ADMINISTRATION POSITION:** The Administration supports studies of high priority outputs and to determine scope of the Federal project.

**CONGRESSIONAL INTEREST:** Senators Hutchison and Cornyn (TX); Congressmen Hinojosa (TX-15) and Ortiz (TX-27).

**DISTRICT:** Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Flood and Coast Storm Damage Reduction

STUDY NAME: Roma Creek, Rio Grande Basin, Texas.

AUTHORIZATION: Study is under the authority of Section 729 of the Water Resources Development Act of 1986 and House Resolution 2710, dated 21 May 2003.

LOCATION: The study area is in and around the City of Roma, in Starr County, TX.

DESCRIPTION: The Arroyo Roma and the Arroyo Los Morenos along with backwater from the Rio Grande River have been identified as major sources of flooding in area.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$1,175
Estimated Non-Federal	1,175
Cash	(1,175)
Other	(0)
Total Estimated Study Cost	\$2,350
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	99
Allocation for FY 2007	0
Balance to Complete After	1,076
Benefit to Cost Ratio Applicable rate:	NA
Benefit to Cost Ratio at 7%:	NA
Remaining Benefits Remaining Costs Ratio at 7%:	NA

FY 2007 ACTIVITIES: No work is being performed in FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility phase is scheduled to complete in FY 2011.

OTHER INFORMATION: There have been recurrent flood damages to residents and businesses within the floodplains of the Arroyo Roma, Arroyo Los Morenos, and other associated tributaries. Based on the Texas Water Development Board population projection for the City of Roma, it is estimated that approximately 9,000 residents and 1,944 homes may be affected by a 100 year flood event. The City of Roma is one of the most economically depressed U.S. cities; as such the City is unable to fund their 50% portion of the Feasibility study. One way to make progress on this study would be to perform the study and construction at full Federal expense (100% Federal). In order for the study to be performed at full Federal expense, the appropriations bill would have to contain special language authorizing the study to be performed at full Federal expense.

ADMINISTRATION POSITION: The Administration supports the flood damage reduction purpose of the study.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (both TX); Congressman Cuellar (TX-28).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Southwest Arkansas, AR

AUTHORIZATION: Red River Basin, AR, TX, LA, and OK Comprehensive Study (PL 98-63)

LOCATION: The study area includes part of four counties in Southwest Arkansas in the Red River/Little Red River basins. The area contains four Corps lakes: DeQueen, Dierks, Gillham, and Millwood.

DESCRIPTION: The watershed study purposes include flood control, agricultural and municipal water supply, ecosystem restoration, water quality, recreation, and navigation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>STUDY</u> \$ 1,225
Estimated Non-Federal Cost	1,125
Cash	(1,125)
Other	0
Total Estimated Cost	\$ 2,350
Allocation thru 2004	\$ 45
Allocation for FY 2005	0
Allocation for FY 2006	99
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,081
Benefit to Cost Ratio Applicable Rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Execute the FCSA and initiate the cost shared Feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: It is anticipated that two sponsors will be identified for follow-on feasibility studies.

ADMINISTRATION POSITION: Supports, since study will address the high budgetary priority navigation, flood damage reduction, and ecosystem restoration.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor (AR); Congressman Ross, AR-4.

DISTRICT: Little Rock District (SWL)

Date: 02 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Upper Trinity River Basin, Texas

AUTHORIZATION: Senate Resolution 22 April 1988

LOCATION: The study area encompasses the Dallas/Fort Worth Metroplex area.

DESCRIPTION: Preliminary watershed-wide feasibility investigations identified 88 measures for more detailed study. Subsequently, 6 interim feasibility studies have been initiated with 11 cities, 1 county, and 1 special district to undertake more detailed studies for the purposes of addressing flood damage reduction, ecosystem restoration and recreation opportunities within these areas.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 16,810
Estimated Non-Federal Cost	16,000
Cash	6,654
Other	9,346
Total Estimated Cost	\$ 32,810
Allocation thru 2004	\$ 10,186
Allocation for FY 2005	1,429
Allocation for FY 2006	879
Allocation for FY 2007	1,000
Balance to Complete after FY 2007	3,316
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to complete the Dallas Floodway Interim Feasibility Study (IFS) and to continue the Big Fossil Creek Watershed IFS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012 (overall study)

OTHER INFORMATION: FY2007 funding is required to complete the Dallas Floodway IFS in August 2008. The FY2008 President's budget request includes \$100,000 to initiate the preconstruction engineering and design phase of the project.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Johnson, TX-3; Hall, TX-4; Hensarling, TX-5; Barton, TX-6; Granger, TX-12; Thornberry, TX-13; Edwards, TX-17; Neugebauer, TX-19; Marchant, TX-24; Burgess, TX-26; Johnson, TX-30 and Sessions TX-32.

DISTRICT: Fort Worth

Date: 2 April 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction.

PROJECT/STUDY NAME: Arkansas City, Kansas

AUTHORIZATION: Water Resources Development Act of 1986.

LOCATION: Located in Arkansas City, Kansas, the project provides local flood protection at the confluence of the Arkansas and Walnut rivers in southern Kansas..

DESCRIPTION: The project consists of raising and extending the existing levee and modifying the lower end of the Walnut River Channel.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 24,900
Estimated Non-Federal Cost	8,300
Cash	(4,200)
Other	(4,100)
Total Estimated Cost	\$ 33,200
Allocation thru 2004	\$19,652
Allocation for FY 2005	889
Allocation for FY 2006	2,484
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Carryover funds are being utilized to perform final payment and project closeout.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction efforts will be complete in 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports projects with high priority project outputs.

CONGRESSIONAL INTEREST: Senators Brownback and Roberts, KS; Congressman Tiahrt, KS-4.

DISTRICT: Tulsa

Date: 5 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Central City, Fort Worth, Upper Trinity River Basin, TX

AUTHORIZATION: P.L. 108-447, Sec 116

LOCATION: The project is located in the northern portion of downtown Fort Worth, Texas.

DESCRIPTION: The project would construct a 1.2 mile bypass channel, three closure gates and a dam to control flood flows along the Clear and West Forks of the Trinity River adjacent to the downtown business district, and provide ecosystem restoration features.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 110,000
Estimated Non-Federal Cost	110,000
Cash	46,000
Other	64,000
Total Estimated Cost	\$ 220,000
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	6,780
Allocation for FY 2007	1,300
Balance to Complete after FY 2007	101,920
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to initiate preliminary design analyses for Samuels Dam and three closure gates, and award the initial phases of the detailed design contracts for the bypass channel, Marine Creek and hydraulic mitigation sites.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Preconstruction Engineering and Design phase scheduled for completion in FY 2008.

OTHER INFORMATION: Not in the FY 2008 President's Budget because the project was authorized without economic evaluation.

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Granger, TX-12 and Burgess, TX-26

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Project

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Clear Creek, Texas

AUTHORIZATION: Flood Control Act of 1968.

LOCATION: The project is located in Harris and Galveston Counties, Texas.

DESCRIPTION: The authorized project consists of approximately 15.3 miles of channel enlargement and bends easing, more stringent regulations restricting development of the 100-year floodplain, and a second outlet channel with a gated structure between Clear Lake and Galveston Bay. The local sponsors are the Harris County Flood Control District (acting for Harris County), Galveston County and, for the General Reevaluation Report (GRR), Brazoria Drainage District No.4.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$ 106,170
Estimated Non-Federal Cost	59,780
Cash	(8,300)
Other	(51,480)
Total Estimated Cost	\$ 165,950
Allocation thru 2004	\$ 28,132
Allocation for FY 2005	1,358
Allocation for FY 2006	1,183
Allocation for FY 2007	1,000
Balance to Complete after FY 2007	74,497
Benefit to Cost Ratio Applicable rate 7%:	1.01
Benefit to Cost Ratio at 7%:	1.01
Remaining Benefits Remaining Costs Ratio at 7%:	1.5

FY 2007 ACTIVITIES: FY 2007 funds in the amount of \$1,000,000 will be used to continue the General Reevaluation Report which includes identifying the NED plan; completing evaluation of potential Sponsor locally preferred plan alternatives; selecting a recommended plan; preparing draft engineering appendix; completing the plan formulation appendices; and conducting an independent technical review.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The General Reevaluation Report could be completed in FY 2008 contingent on receipt of funds.

OTHER INFORMATION: A General Reevaluation Report (GRR) is ongoing. Local Sponsors are the Harris County Flood Control District, Galveston County and, for the GRR, Brazoria Drainage District No. 4. The Clear Creek watershed will continue to experience damages from flooding in the area. Construction on the project was suspended in 1997 as the upstream and downstream interests were diametrically opposed. Upstream interests seek flood relief, while the downstream interests do not want any flood damage reduction features to bring additional water into the Clear Lake area. The current plan in the GRR is focused on meeting the needs of all interests along the channel.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (TX); Congressmen Al Green (TX-9), Lampson (TX-22) and Paul (TX-14).

DISTRICT: Galveston

Date: April 2, 2007



FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Dallas Floodway Extension, Texas

AUTHORIZATION: Sec 301 RHA 65; modified by Sec 351 WRDA 96 and Sec 356 WRDA 99.

LOCATION: The project area is located in metropolitan Dallas, Texas.

DESCRIPTION: The project consists of a Chain of Wetlands (1.5 miles upper; 2.2 miles lower), two SPF levees (Lamar Street – 2.9 miles and Cadillac Heights – 2.3 miles), 123 acres of wetlands for ecosystem restoration, realignment of the Trinity River at IH-45, 31 miles of linear recreation and 1,179 acres of mitigation.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 115,903
Estimated Non-Federal Cost	56,534
Cash	8,777
Other	47,757
Total Estimated Cost	\$ 172,437
Allocation thru 2004	\$ 39,108
Allocation for FY 2005	8,410
Allocation for FY 2006	15,137
Allocation for FY 2007	4,150
Balance to Complete after FY 2007	49,098
Benefit to Cost Ratio Applicable rate (6-3/8%)	2.2
Benefit to Cost Ratio at 7%	2.1
Remaining Benefits Remaining Costs Ratio at 7%	6.1

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to award fully funded construction contracts for the native grass plantings at Cell D (April 2007) and the Lower Chain of Wetlands (September 2007).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2013

OTHER INFORMATION: Not in the FY 2008 President's Budget due to continued review by the Office of Management and Budget.

ADMINISTRATION POSITION: The Administration does not support this project due to project formulation concerns.

CONGRESSIONAL INTEREST: Johnson (TX-30) and Sessions (TX-32).

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Graham, TX (Brazos River Basin)

AUTHORIZATION: WRDA 99, Sec 101 (a)(30)

LOCATION: City of Graham, Young County, Texas.

DESCRIPTION: The project consists of a buy-out of 113 structures, mostly residential; creation of a local trail system connecting two existing park areas for recreation; installation of a flood warning system estimated to provide a 12-hour warning time; and, ecosystem restoration of 129 acres.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 8,426
Estimated Non-Federal Cost	4,804
Cash	624
Other	4,180
Total Estimated Cost	\$ 13,230
Allocation thru 2004	\$ 320
Allocation for FY 2005	197
Allocation for FY 2006	684
Allocation for FY 2007	874
Balance to Complete after FY 2007	6,351
Benefit to Cost Ratio Applicable rate (5-7/8%)	1.5
Benefit to Cost Ratio at 7%	1.2
Remaining Benefits Remaining Costs Ratio at 7%	1.2

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to continue demolition of structures acquired by the non-Federal sponsor required for the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Neugebauer, TX-19.

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Project

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Hunting Bayou, Houston, Texas

AUTHORIZATION: Section 101(a)21 of WRDA 1990 (Part of Buffalo Bayou and Tributaries); and Section 211(f)(7) of WRDA 1996 (Reimburse sponsor).

LOCATION: Houston, Harris County, Texas

DESCRIPTION: The authorized project consists of 14.3 miles of stream improvements, recreation trails, picnic facilities, parking areas, and a comfort station.

	FY 2007
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Construction</u>
Estimated Federal Cost	\$ 91,080
Estimated Non-Federal Cost	78,450
Cash	(9,100)
Other	(69,350)
Total Estimated Cost	\$ 169,530
Allocation thru 2004	\$ 1,020
Allocation for FY 2005	6
Allocation for FY 2006	343
Allocation for FY 2007	0
Balance to Complete after FY 2007	89,711
Benefit to Cost Ratio Applicable rate (5.125%):	12.6
Benefit to Cost Ratio at 7%:	9.2
Remaining Benefits Remaining Costs Ratio at 7%:	8.3

FY 2007 ACTIVITIES: Corps of Engineers' will provide coordination and oversight of the non-Federal Sponsor's work efforts in completing the feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The general reevaluation report is scheduled for completion (ASA(CW) approval) in FY2009.

OTHER INFORMATION: Section 211 of WRDA 96 authorizes non-Federal interests to plan, design, and construct Federal flood control projects, and after approval of the GRR by ASA(CW) be reimbursed up to the Federal share of costs for the work accomplished. The non-Federal sponsor is Harris County Flood Control District.

ADMINISTRATION POSITION: The Administration supports the project due to high priority study outputs for flood damage reduction.

CONGRESSIONAL INTEREST: Senators Cornyn (TX) and Hutchison (TX); Congressmen Al Green (TX-9), Gene Green (TX-29), Culberson (TX-7), and Congresswoman Jackson Lee (TX-18).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
CONSTRUCTION  
Enacted Project

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: North Padre Island Storm Damage Reduction and Environmental Restoration Project

AUTHORIZATION: Water Resources Development Act (WRDA) of 1999, Section 556

LOCATION: North Padre Island, Corpus Christi, Texas

DESCRIPTION: The project provides for a jettied entrance channel, a channel through North Padre Island along the existing Packery Channel, located north and adjacent to the John F. Kennedy Causeway, and joining the main channel of the Gulf Intracoastal Waterway at mile 553.0. Placement of approximately 750,000 cy of sand in front of the existing seawall to protect the seawall foundation.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$22,080
Estimated Non-Federal Cost	12,906
Cash	(11,379)
Other	(1,527)
Total Estimated Cost	\$34,986
Allocation thru 2004	\$11,154
Allocation for FY 2005	4,388
Allocation for FY 2006	6,538
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate:	NA
Benefit to Cost Ratio at 7%:	NA
Remaining Benefits Remaining Costs Ratio at 7% :	NA

FY 2007 ACTIVITIES: Construction was completed and project dedicated on October 6, 2006. Only remaining work to complete is the installation of aids to navigation required by the U.S. Coast Guard.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction was completed in FY 07.

OTHER INFORMATION: An additional \$2.5 million was appropriated for this project for repair of damages to completed work caused by Hurricanes Emily and Rita.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Senator Hutchison (TX); Congressman Ortiz (TX-27)

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Table Rock Lake, MO & AR (Dam Safety)

AUTHORIZATION: Flood Control Act of 1938, as amended by the Flood Control Act of 1941 and 1944.

LOCATION: Table Rock Dam is about eight miles upstream from Branson, MO.

DESCRIPTION: Table Rock Dam does not have adequate capacity and can safely pass only 65 percent of the Probable Maximum Flood (PMF). Studies indicate the PMF would overtop the dam by more than five feet and would breach the earthen embankment portion of the dam, causing catastrophic losses in downstream areas including Branson. The project includes construction of a dam, auxiliary gated spillway, bridge over the spillway, and relocation of recreational facilities destroyed by the project.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$73,534
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$73,534
Allocation thru FY 2004	\$69,183
Allocation for FY 2005	3,461
Allocation for FY 2006	290
Allocation for FY 2007	600
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Make final contract payment and close-out project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Project completes in FY 2007.

OTHER INFORMATION: Project is scheduled to be completed in FY2007.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Bond (MO) and Representative Blunt (MO-7).

DISTRICT: Little Rock District (SWL)

Date: 03 April 2007

# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 205  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME:** Archey Fork Creek, Clinton, Arkansas

**AUTHORIZATION:** Section 205 of the 1948 Flood Control Act (P.L. 80-858), as amended.

**LOCATION:** This project is located approximately 75 miles north of Little Rock, Arkansas.

**DESCRIPTION:** Frequent flood damage occurs to homes, businesses, and other public facilities along Archey Fork Creek. Also, a 1600-foot section of stream bank below State Highway Bridge 65 is eroding. The possibility exists for extensive damage to the integrity of the city's municipal airport, waterline and a telephone line serving northern Van Buren County. The city's municipal airport is approximately 250 feet from the eroding bank at several locations. A city-owned 8-inch main waterline is within 30 feet of the eroding west bank. A local telephone company's fiber optic line is within 5 to 20 feet from the west bank and in danger of being adversely impacted by the erosion problem.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$200
Estimated Non-Federal Cost	100
Cash	(100)
Other	0
Total Estimated Cost	\$300
Allocation thru 2004	\$ 42
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	108
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Survey and hydrology and hydraulic models will be initiated along with negotiation of the Feasibility Cost Sharing Agreement (FCSA).

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2008

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** Supports.

**CONGRESSIONAL INTEREST:** Senators Lincoln and Pryor, AR; Congressman Snyder (AR-2)

**DISTRICT:** Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 14  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction

**PROJECT NAME:** Batesville Wastewater Treatment Plant at White River, Batesville, AR

**AUTHORIZATION:** Section 14 of the 1946 Flood Control Act (Public Law 80-858), as amended.

**LOCATION:** The area of concern is located from approximately White River mile (RM) 299.5 to RM 298.5.

**DESCRIPTION:** Batesville Water Utilities requested the Little Rock District to conduct an emergency streambank study on the North bank of the White River. The treatment plant is experiencing erosion issues during high flow near their aeration ponds.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$714
Estimated Non-Federal Cost	385
Cash	(349)
Other	(36)
Total Estimated Cost	\$1,099
Allocation thru 2004	24
Allocation for FY 2005	80
Allocation for FY 2006	577
Allocation for FY 2007	33
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (4.875)%	3.28
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Complete plans and specifications, execute Project Cooperation Agreement (PCA), and complete project construction.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** FY 2007

**OTHER INFORMATION:** Funds provided in FY2007 will complete project construction.

**ADMINISTRATION POSITION:** Consistent with Administration policy, but low budget priority.

**CONGRESSIONAL INTEREST:** Congressman Berry (AR-1)

**DISTRICT:** Little Rock District

Date: 03 April 2007



FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 14  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Flood and Coastal Storm Damage Reduction.

**PROJECT/STUDY NAME:** Britton Road Bridge, Erosion Control Project, Jones, Oklahoma

**AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, at amended (Continuing Authority-Emergency Streambank Protection).

**LOCATION:** East of Oklahoma City, in Jones, OK, on the North Canadian River, Oklahoma City, Oklahoma.

**DESCRIPTION:** Bank erosion is being associated with lateral migration of the North Canadian River is encroaching on Britton Road Bridge embankment and support piers to the bridge. The value of the infrastructure at risk is approximately \$3,000,000. Probable solutions could consist of a combination of embankment protection and river training jetties.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 100
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$ 100
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	40
Allocation for FY 2007	60
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (___%)	N/A
benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

**FY 2007 ACTIVITIES:** Prepare a document to determine if the study is feasible and warrants an executed FCSA.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** Feasibility study effort will be complete in FY 2008.

**OTHER INFORMATION:** None.

**ADMINISTRATION POSITION:** The Administration supports emergency streambank protection efforts.

**CONGRESSIONAL INTEREST:** Senator Inhofe, OK; Congressman Lucas, OK-5.

**DISTRICT:** Tulsa

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction.

PROJECT/STUDY NAME: East Tulsa County, Haikey Creek Watershed, Oklahoma

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended (Continuing Authority, Flood Control).

LOCATION: The Haikey Creek watershed is located within Tulsa County and flows through the communities of Tulsa, Broken Arrow and Bixby, Oklahoma.

DESCRIPTION: The Haikey Creek watershed is approximately 9 miles long and a maximum of 8 miles wide, originating in Broken Arrow, Oklahoma, flowing generally southward within east Tulsa County through portions of the cities of Tulsa and Bixby, Oklahoma. The drainage area contains approximately 37 square miles and is largely urbanized in nature.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 423
Estimated Non-Federal Cost	323
Cash	(0)
Other	(0)
Total Estimated Cost	\$ 746
Allocation thru 2004	\$ 50
Allocation for FY 2005	200
Allocation for FY 2006	98
Allocation for FY 2007	75
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds will be used to complete feasibility efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility efforts will be completed in FY 2007.

OTHER INFORMATION: Flooding problems associated in this area are characterized by relatively rapid rates of rise, high velocities and short durations. Numerous flood events (averaging every three years) continue to plague this watershed.

ADMINISTRATION POSITION: The Administration supports studies with high priority project outputs.

CONGRESSIONAL INTEREST: Senator Inhofe, OK; and Congressman Sullivan, OK-1.

DISTRICT: Tulsa

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Farmers Branch, Tarrant County, TX

AUTHORIZATION: Sec 205, FCA 1948, as amended

LOCATION: The project is located within the city limits of White Settlement, Tarrant County, Texas, along Farmers Branch creek between White Settlement Road and Las Vegas Trail.

DESCRIPTION: The recommended plan is comprised of three components to reduce flood damages along Farmers Branch and its tributary. The plan consists of a 6,500-foot grass and rock-lined channel with widths varying from 55 to 160 feet between White Settlement Road and Las Vegas Trail. The plan also includes a 32-foot bottom-width concrete channel along its tributary at Las Vegas Trail. The last component of the plan will permanently evacuate 18 residential structures. This plan removes 60 percent of the residents from the 100-year floodplain.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	\$ 5,934
Estimated Non-Federal Cost	8,873
Total Estimated Cost	\$14,783
Allocation thru 2004	\$ 318
Allocation for FY 2005	148
Allocation for FY 2006	0
Allocation for FY 2007	1,300
Balance to Complete after FY 2007	4,168
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to fully fund the design phase of the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Granger, TX-12.

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Heber Springs, Cleburne County, AR

AUTHORIZATION: 1948 Flood Control Act, Continuing Authority Program, Section 205

LOCATION: The city of Heber Springs is located 65 miles north of Little Rock in Cleburne County.

DESCRIPTION: The city of Heber Springs requested flood control assistance in a letter dated January 2004. Flood damages occur to homes, businesses, and public facilities located along Sulphur Creek.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Study</u>
Estimated Federal Cost	\$200
Estimated Non-Federal Cost	100
Cash	(100)
Other	0
Total Estimated Cost	\$300
Allocation thru 2004	\$ 20
Allocation for FY 2005	4
Allocation for FY 2006	0
Allocation for FY 2007	76
Balance to Complete after FY 2007	100
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Prepare a document to determine if the study is feasible and warrants an executed FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Supports

CONGRESSIONAL INTEREST: Congressman Berry (AR-1)

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITY PROGRAM, SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Hester, Adamson, and Heartsill Creeks, Greenwood, AR

AUTHORIZATION: Section 205 of the 1948 Flood Control Act (P.L. 80-858), as amended.

LOCATION: This project is located approximately 20 miles Southeast of Fort Smith in Western Arkansas.

DESCRIPTION: Hester, Adamson, and Heartsill Creeks were studied in the Feasibility Milestone Report completed in November 2005. The report recommended further study of Hester Creek. Frequent flood damage occurs to homes and businesses and the closing of arterial and collector streets that hinder emergency and private access is frequently required. Likely alternative plans include the construction of flood prevention channels, levees and residential and business property acquisition.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$200
Estimated Non-Federal Cost	100
Cash	(100)
Other	0
Total Estimated Cost	\$300
Allocation thru 2004	\$ 15
Allocation for FY 2005	25
Allocation for FY 2006	0
Allocation for FY 2007	66
Balance to Complete after FY 2007	94
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Prepare a document to determine if the study is feasible and warrants an executed FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Administration supports studies to identify high priority flood damage reduction benefits.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor, AR; Congressman Boozman (AR-3)

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITY PROGRAM, SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: High School Branch, Neosho, Missouri

AUTHORIZATION: Section 205 of the 1948 Flood Control Act (P.L. 80-858), as amended.

LOCATION: Neosho, Missouri, approximately 17 miles south of Joplin, Missouri.

DESCRIPTION: The drainage basin upstream of the flood-damaged area is approximately 4 to 5 square miles. Frequent flooding damage occurs to homes, businesses, and public facilities along High School Branch. Likely alternative plans would include the construction of flood prevention channels, grassed floodways, and floodwater retarding dams, acquisition of residential and business properties, relocation of buildings, businesses, and homes in flood plain, development of recreational areas in the stream bank corridors and the improvement of wildlife habitat. A construction cost estimate will be developed near completion of the feasibility phase.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$200
Estimated Non-Federal Cost	100
Cash	(100)
Other	0
Total Estimated Cost	\$300
Allocation thru 2004	\$ 65
Allocation for FY 2005	3
Allocation for FY 2006	0
Allocation for FY 2007	31
Balance to Complete after FY 2007	101
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Prepare a document to determine if the study is feasible and warrants an executed FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Administration supports.

CONGRESSIONAL INTEREST: Senators Bond and McCaskill, MO; Congressman Blunt (MO-7).

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 14  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Highway 164 Bridge, Little Piney Creek, Hagarville, Arkansas

AUTHORIZATION: Section 14 of the 1946 Flood Control Act (Public Law 80-858), as amended.

LOCATION: This project is located on the right bank of the Little Piney Creek at Highway 164 Bridge near Hagarville, Arkansas.

DESCRIPTION: The Little Piney Creek is eroding a 1500 foot section of stream bank both upstream and downstream of the Highway 164 Bridge. Arkansas Highway and Transportation Department (AHTD) is concerned about the stability of the right bank along the abutment of the existing bridge. If the Little Piney Creek is allowed to continue its westward migration, the creek will eventually flank or undermine the right abutment threatening the structural integrity of the bridge. If the right abutment is compromised the Arkansas Highway Department will move the bridge to another location.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$547
Estimated Non-Federal Cost	241
Cash	(241)
Other	0
Total Estimated Cost	\$788
Allocation thru 2004	\$ 85
Allocation for FY 2005	2
Allocation for FY 2006	225
Allocation for FY 2007	235
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (TBD)%	4.5
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete plans and specifications, and execute Project Cooperation Agreement (PCA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Funds provided in FY2007 will complete project construction.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor, AR; Congressman Boozman (AR-3)

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
Continuing Authority Program, Section 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Howell Creek, West Plains, Missouri

AUTHORIZATION: Section 205 of the 1948 Flood Control Act (P.L. 80-858), as amended.

LOCATION: West Plains is located in Howell County, Missouri, the central portion of the state, approximately 20 miles north of the Arkansas-Missouri state line.

DESCRIPTION: Howell Creek flows through West Plains and floods residential, commercial, and industrial property. Likely alternative plans include the construction of flood prevention channels, levees, and residential and business property acquisition. A Feasibility Milestone Report is being prepared to determine Federal interest.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$200
Estimated Non-Federal Cost	100
Cash	(100)
Other	0
Total Estimated Cost	\$300
Allocation thru 2004	\$ 50
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	100
Benefit to Cost Ratio Applicable Rate (___)%	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Prepare a document to determine if the study is feasible and warrants an executed FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Administration supports.

CONGRESSIONAL INTEREST: Senators Bond and McCaskill, MO; Congresswoman Emerson (MO-8)

DISTRICT: Little Rock District

Date: 02 April 2007



FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Jam Up Creek, Missouri

AUTHORIZATION: Section 205 of the 1948 Flood Control Act (P.L. 80-858), as amended.

LOCATION: Project is located in Mountain View, Howell County, Missouri, approximately 95 miles east of Springfield, Missouri, and 35 miles north of the Arkansas state line.

DESCRIPTION: Jam Up Creek floods the airport, a portion of the business district (including city buildings and the sewage treatment plant) and several residences. Widening of 1,900 feet of channel is being designed near the downstream end of the city that has a benefit-to-cost ratio of 1.53 and will reduce annual flood damages by \$40,000.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$413
Estimated Non-Federal Cost	222
Total Estimated Cost	\$635
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	38
Allocation for FY 2007	375
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (5.375)%	1.53
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete plans and specifications and execute the Project Cooperation Agreement (PCA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: FY2007 funding will fully fund project construction.

ADMINISTRATION POSITION: Consistent with Administration policy, but low budget priority.

CONGRESSIONAL INTEREST: Senators Bond and McCaskill, MO; and Congresswoman Emerson (MO-8).

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Little Fossil Creek, Haltom City, TX

AUTHORIZATION: Sec 205, FCA 1948, as amended

LOCATION: The project is located in the city of Haltom City, Texas. Haltom City is located in Tarrant County, generally northeast of downtown Fort Worth. Little Fossil Creek originates near Saginaw and flows southeasterly through Blue Mound, Fort Worth, and Haltom City where it confluences with Big Fossil Creek near the West Fork of the Trinity River.

DESCRIPTION: The particular area of concern includes the lower portion of the watershed, generally from the confluence of Little Fossil Creek with Big Fossil Creek upstream to Beach Street, a stream length of approximately 23,000 feet.

(\$000)	FY 2007
<u>SUMMARIZED FINANCIAL DATA</u>	
Estimated Federal Cost	Construction \$ 7,000
Estimated Non-Federal Cost	5,712
Total Estimated Cost	\$12,712
Allocation thru 2004	\$ 833
Allocation for FY 2005	155
Allocation for FY 2006	267
Allocation for FY 2007	5,745
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	3.5
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to execute the PCA, which will allow the non-Federal sponsor to begin acquisition of real estate.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2013

OTHER INFORMATION: Funds received in FY 2007 will fully fund project construction.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Granger, TX-12 and Burgess, TX-26.

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 14  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Nokomis Road, Ten Mile Creek, Lancaster, TX

AUTHORIZATION: Sec 14, FCA 1946, as amended

LOCATION: The city of Lancaster is located in Dallas County approximately 12 miles south of downtown Dallas. Ten Mile Creek originates in southwest Dallas County in the city of DeSoto, and flows in a generally east, south-easterly direction to the Trinity River. Nokomis Road crosses Ten Mile Creek approximately 3,000 feet south of East Beltline Road in the far southeast corner of Lancaster.

DESCRIPTION: Ten Mile Creek flows under a bridge just after a 90-degree bend in the creek. The creek makes another 90-degree turn almost immediately after passing under the bridge. The bridge rests on twelve square, concrete piers. Erosion and the subsequent bank failure have destroyed the existing slope paving under the bridge and threatens to destroy the structure.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 906
Estimated Non-Federal Cost	466
Total Estimated Cost	\$1,372
Allocation thru 2004	\$ 34
Allocation for FY 2005	0
Allocation for FY 2006	107
Allocation for FY 2007	765
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to execute the PCA and initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Funds received in FY 2007 will fully fund project construction.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Johnson, TX-30

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Pecan Creek, Gainesville, TX

AUTHORIZATION: Sec 205, FCA 1948, as amended

LOCATION: The project is located within the city limits of Gainesville, Texas, along Pecan Creek, generally within the downtown area. Gainesville is located approximately 30 miles north of Denton, Texas, with the downtown area approximately one half mile east of Interstate Highway 35.

DESCRIPTION: The recommended plan consists of a grass-lined channel with a 50-foot bottom width along a 1.3 mile length of the creek within the city of Gainesville.

<u>SUMMARIZED FINANCIAL DATA</u>	<u>FY 2007 (\$000)</u> <u>/Construction</u>
Estimated Federal Cost	\$ 4,664
Estimated Non-Federal Cost	4,379
Total Estimated Cost	\$ 9,043
Allocation thru 2004	\$ 223
Allocation for FY 2005	91
Allocation for FY 2006	330
Allocation for FY 2007	389
Balance to Complete after FY 2007	3,631
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to complete the plans and specifications for this project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: The non-Federal sponsor has requested a waiver to execute the Project Cooperation Agreement in FY2007 as they are subject to loss of non-Federal financing beginning Jan 2008.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Burgess, TX-26.

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Prairie Creek, Russellville, Arkansas

AUTHORIZATION: Section 205 of the 1948 Flood Control Act (P.L. 80-858), as amended.

LOCATION: Prairie Creek is located in Russellville, AR, approximately 80 miles west of Little Rock.

DESCRIPTION: This project is designed to reduce damage caused by flooding occurring in downtown commercial and public facilities and has caused traffic and safety hazards. Rainfall run-off, which has increased from upstream city development, flows from several tributaries and collects downstream of the city in a sump area for the pump station. Debris (trees and litter) from city streets continues to impede flow conveyance in spite of frequent cleanup and channel maintenance. Upstream flooding occurs due to a combination of backwater from the sump area and inadequate flow conveyance in the upstream reach. In addition to reducing flood damages, opportunities exist to improve and expand the existing Bona Dea Nature Trail along the study reach of the creek.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$300
Estimated Non-Federal Cost	200
Total Estimated Cost	\$500
Allocation thru 2004	\$ 34
Allocation for FY 2005	9
Allocation for FY 2006	0
Allocation for FY 2007	55
Balance to Complete after FY 2007	202
Benefit to Cost Ratio Applicable Rate	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Prepare a document to determine if the study is feasible and warrants execution of a FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Administration supports.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor (AR); Congressman Boozman (AR-3).

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Town Branch, City of Newark, AR

AUTHORIZATION: Section 205 of the 1948 Flood Control Act (P.L. 80-858), as amended.

LOCATION: The city of Newark is located 15 miles west of the city of Newport in Independence County in north central Arkansas.

DESCRIPTION: The city of Newark requested flood control assistance in a letter dated December 2003. Flood damages occur to homes, businesses, and public facilities located along Town Branch.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$200
Estimated Non-Federal Cost	100
Cash	(100)
Other	0
Total Estimated Cost	\$300
Allocation thru 2004	\$ 50
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	100
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Prepare a document to determine if the study is feasible and warrants an executed FCSA.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None

ADMINISTRATION POSITION: Supports.

CONGRESSIONAL INTEREST: Congressman Berry (AR-1)

DISTRICT: Little Rock District (SWL)

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 14  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: U.S. Highway 71 at Red River, Ogden, Arkansas

AUTHORIZATION: Section 14 of the 1946 Flood Control Act (Public Law 80-858), as amended.

LOCATION: The study area is approximately 4 miles north of Texarkana, approximately 2 miles south of Ogden, and is on the Arkansas/Texas border in Little River and Bowie Counties, respectively.

DESCRIPTION: Bank caving on the south bank of the Red River is threatening the stability of the southbound bridge support piers. Continued bank caving will compromise the safety of the bridge.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$600
Estimated Non-Federal Cost	301
Cash	(281)
Other	(20)
Total Estimated Cost	\$901
Allocation thru 2004	\$ 50
Allocation for FY 2005	1
Allocation for FY 2006	494
Allocation for FY 2007	55
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (5.375)%	8.0
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Complete plans and specifications, and execute Project Cooperation Agreement (PCA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: Funds provided in FY 2007 will complete project construction.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor, AR; Congressman Ross (AR-4)

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 205  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction.

PROJECT/STUDY NAME: Whitewater and Walnut Rivers, Augusta, Kansas

AUTHORIZATION: Section 205 of the Flood Control Act of 1948, as amended (Continuing Authority, Flood Control).

LOCATION: The project is located in Augusta, Kansas which is 19 miles east of Wichita, Kansas.

DESCRIPTION: The Whitewater River runs along the west side of Augusta, Kansas, to its confluence with the Walnut River. The recommended plan would be to raise and extend the existing levee to provide a 500-year level of flood protection.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 3,135
Estimated Non-Federal Cost	1,890
Cash	(890)
Other	(1,000)
Total Estimated Cost	\$ 5,025
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	2,300
Allocation for FY 2007	835
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds will be used to complete the plans and specifications, execute the project cooperation agreement and monitor real estate acquisition activities by the non-Federal sponsor, the city of Augusta, KS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction efforts will be complete in 2010.

OTHER INFORMATION: The November 1998 flood damages were caused primarily by the Whitewater River breaching of the city's levee system at several locations.

ADMINISTRATION POSITION: The Administration supports projects with high priority project outputs.

CONGRESSIONAL INTEREST: Senators Brownback and Hutchison, KS; Congressman Tiahrt, KS-4.

DISTRICT: Tulsa

Date: 4 April 2007



FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 14  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: Water Treatment Plant, Intake Channel, Seguin, TX

AUTHORIZATION: Sec 14, FCA 1946, as amended

LOCATION: The project is within the city limits of Seguin, Texas, which is located approximately 30 miles east of San Antonio.

DESCRIPTION: Bank erosion occurring immediately upstream of the water treatment facility is threatening the integrity of the intake structure. The recommended plan, which includes construction of a combination H-pile and sheet pile wall, would protect the bank from further erosion and prevent the loss of the intake structure.

	FY 2007
(\$000)	
<u>SUMMARIZED FINANCIAL DATA</u>	<u>Construction</u>
Estimated Federal Cost	\$ 866
Estimated Non-Federal Cost	445
Total Estimated Cost	\$1,311
Allocation thru 2004	\$ 121
Allocation for FY 2005	-1
Allocation for FY 2006	386
Allocation for FY 2007	360
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to execute the PCA and initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: Funds received in FY 2007 will fully fund project construction.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Cuellar, TX-28

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 14  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROJECT NAME: White River, Augusta, Arkansas

AUTHORIZATION: Section 14 of the 1946 Flood Control Act (Public Law 79-526), as amended.

LOCATION: This project is located approximately 70 miles Northeast of Little Rock, Arkansas.

DESCRIPTION: Project was to protect a sewer line from collapsing because of White River erosion. However, initial analysis determined that sewer line relocation is less expensive than constructing bank stabilization. Therefore, the project does not have Federal interest and was terminated in March 2007.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$93
Estimated Non-Federal Cost	00
Cash	(0)
Other	0
Total Estimated Cost	\$93
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	70
Allocation for FY 2007	23
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Funds will be used to close out activities.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Project is being terminated due to lack of benefits.

ADMINISTRATION POSITION: N/A

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor, AR; Congressman Berry (AR-01)

DISTRICT: Little Rock District

Date: 03 April 2007

# COMMERCIAL NAVIGATION

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Project

BUSINESS PROGRAM: Navigation

PROJECT NAME: Cedar Bayou, Texas

AUTHORIZATION: Section 349(a)(2) of WRDA 2000 (Construction).

LOCATION: Near Houston and Baytown, Texas. The previously authorized and improved portion of the navigation project extends from its junction with the Houston Ship Channel near Barbours Cut container terminal at Mile 25, eastward across Galveston Bay, to the mouth of Cedar Bayou to a point 3 miles upstream.

DESCRIPTION: The project dimensions are 10 by 100 feet. The proposed and newly authorized project extends the channel by 8 miles roughly to HWY 146.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	2007 <u>PED</u>
Estimated Federal Cost	\$ 803
Estimated Non-Federal Cost	267
Total Estimated Cost for PED	\$1,070
Allocation thru 2004	\$ 0
Allocation for FY 2005	107
Allocation for FY 2006	49
Allocation for FY 2007	197
Balance to Complete after FY 2007	0 <sup>1/</sup>
Benefit to Cost Ratio Applicable rate (7%)	1.96
Benefit to Cost Ratio at 7%:	1.96
Remaining Benefits Remaining Costs Ratio at 7%:	1.96

<sup>1/</sup> Advanced Non-Federal funds in the amount of \$450,000 will be used towards completion of Preconstruction, Engineering and Design.

FY 2007 ACTIVITIES: Complete PED, including the first set of plans and specifications.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED will complete in FY 2007

OTHER INFORMATION: A Memorandum of Agreement for advanced non-Federal Funding, signed on September 18, 2006, allows for \$450,000 to be advanced. The sponsor can also provide the additional Non-Federal match of \$267,000 because PED is cost shared at 75% Federal, 25% Non-Federal.

ADMINISTRATION POSITION: The Administration supports the PED activities on the authorized project because of high priority navigation outputs.

CONGRESSIONAL INTEREST: Senators Cornyn (TX) and Hutchison (TX), Congressmen Poe (TX-02), Paul (TX-14), and Edwards (TX-17).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Project

BUSINESS PROGRAM: Navigation

PROJECT NAME: Corpus Christi Ship Channel (50'), Texas

AUTHORIZATION: Resolution of House Committee on Public Works and Transportation,  
1 August 1990.

LOCATION: Corpus Christi, Nueces County, Texas

DESCRIPTION: The Corpus Christi Ship Channel (45-foot) project is a 40 mile long, Federally constructed deep-draft navigation project serving the ports at Harbor Island, Ingleside, and Corpus Christi. The recommended plan of improvement will deepen the channel to 52 feet, widen to 530 feet, add barge lanes on both sides of the main channel across Corpus Christi Bay, and extend the La Quinta channel 1.4 miles at a depth of 39 feet.

<u>SUMMARIZED FINANCIAL DATA (\$000):</u>	FY 2007 <u>PED</u>
Estimated Federal Cost	\$1,365
Estimated Non-Federal Cost	455
Cash	(455)
Other	(0)
Total Estimated Cost	\$1,820
Allocation thru 2004	\$ 219
Allocation for FY 2005	735
Allocation for FY 2006	297
Allocation for FY 2007	114
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7%):	2.14
Benefit to Cost Ratio at 7%:	2.14
Remaining Benefits Remaining Costs Ratio at 7%:	2.2

FY 2007 ACTIVITIES: Complete the first set of plans and specifications and complete a Limited Reevaluation Report to update the economics of the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED will complete in FY 07.

OTHER INFORMATION: Feasibility was completed in April 2003 and a Chief's Report was signed in June 2003. Project is awaiting construction authorization in WRDA.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (TX); Congressmen Edwards (TX-17), Paul (TX-14) and Ortiz (TX-27)

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Navigation

STUDY NAME: GIWW – Brazos River to Pt O'Connor, Texas

AUTHORIZATION: Section 216, 1970 Flood Control Act.

LOCATION: The study area includes approximately 71 miles of the GIWW navigation project in Brazoria, Matagorda, and Victoria Counties, from the Brazos River to Port O'Connor, Texas.

DESCRIPTION: The purpose of the study is to address operational and environmental problems identified by users. Initial areas to be studied included addressing problems at Caney Creek, Jones Creek, Matagorda Bay, San Bernard River, Jones Lake and Bank Erosion along miles 408-420 and 446-451.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$5,150
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$5,150
Allocation thru 2004	\$3,788
Allocation for FY 2005	0
Allocation for FY 2006	49
Allocation for FY 2007	0
Balance to Complete after FY 2007	1,313
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: Project is not in the 07 Budget.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The feasibility study could be completed in FY09.

OTHER INFORMATION: The study area includes approximately 71 miles of the GIWW navigation project in Brazoria, Matagorda, and Victoria Counties, from the Brazos River to Port O'Connor, Texas. Vessels are encountering difficulties navigating currents encountered as a result of river flows from the San Bernard; there are safety concerns due to dangerous currents across Matagorda Bay and delays and one-way traffic are being encountered at Caney Creek. The problems at the San Bernard will be studied as one system in conjunction with the Brazos River Floodgates. In order to expedite identification of a viable solution to the safety issues, the Matagorda Bay reach was studied separately as an interim to the overall feasibility study. Possible Bend easing at Caney Creek needs to be evaluated. The State of Texas is the non-Federal Sponsor of the GIWW and continues to maintain a high interest in the waterway because of the economic importance of the waterway to the State and their responsibility to provide dredged material disposal areas.

ADMINISTRATION POSITION: The Administration supports the study because of high priority navigation outputs.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (both TX); and Congressmen Paul (TX-14).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Project

BUSINESS PROGRAM: Navigation

PROJECT NAME: GIWW – High Island to Brazos River, Texas

AUTHORIZATION: Section 216 of the Flood Control Act of 1970

LOCATION: The study area includes approximately 85 miles of the Gulf Intracoastal Waterway (GIWW) in Galveston and Brazoria Counties, from High Island, Texas, to the Brazos River.

DESCRIPTION: This study represents the findings and recommendations outlined in an interim feasibility report which was completed in July 2003. Recommended project features include the following: a sediment basin at Rollover Pass; widening the channel area by 75 feet for a length of 1,400 feet at Sievers Cove; widening the channel at the Texas City Wye; setting back and lengthening the existing mooring facilities at Pelican Island; establishing a mooring basin at Greens Lake; protecting existing open channels from wave action at the West Bay washout.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>PED</u>
Estimated Federal Cost	\$ 581
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$ 581
Allocation thru 2004	\$ 27
Allocation for FY 2005	158
Allocation for FY 2006	396
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7%)	2.2
Benefit to Cost Ratio at 7%:	2.2
Remaining Benefits Remaining Costs Ratio at 7%:	2.2

FY 2007 ACTIVITIES: An initial set of plans and specifications will be completed for proposed improvements to the waterway at several specific locations that were recommended in the interim feasibility report dated July 2003. Additionally, an Independent Technical Review (ITR) of the completed P&S will be conducted in FY 2007.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED activities in FY 2007.

OTHER INFORMATION: The project sponsor is the Texas Department of Transportation (TxDOT). TxDOT is responsible for providing all of the necessary LERRD on this project. Additionally, this project would be cost-shared on a 50/50 basis with the Inland Waterway Trust Fund

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Hutchison and Cornyn; Congressmen Paul (TX-14), and Lampson (TX-22).

DISTRICT: Galveston

Date: April 2, 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Fact Sheet

**BUSINESS PROGRAM:** Navigation

**STUDY NAME:** GIWW – High Island to Brazos River (Realignments), Texas

**AUTHORIZATION:** Section 216 of the Flood Control Act of 1970

**LOCATION:** The study area includes approximately 85 miles of the Gulf Intracoastal Waterway (GIWW) in Galveston and Brazoria Counties, from High Island, Texas, to the Brazos River.

**DESCRIPTION:** Investigations will identify potential solutions to resolve the navigation issues along this reach of the GIWW, which have been divided into two interim feasibility studies. This is the second interim feasibility report (the first was completed in July 2003) which will be prepared to evaluate navigation improvements in negotiating two 90-degree bends near High Island; difficulties negotiating a double “S” curve near Freeport; difficulties negotiating the intersection with the Chocolate Bayou Channel; and developing long range disposal plans.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 Study
Estimated Federal Cost	\$ 1,600
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 1,600
Allocation thru 2004	\$ 172
Allocation for FY 2005	0
Allocation for FY 2006	49
Allocation for FY 2007	400
Balance to Complete after FY 2007	979
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

**FY 2007 ACTIVITIES:** The activities that will consist of detailed analysis related to the safety issues associated with the 90-degree bends near High Island. Likewise, detailed analysis related to the safety issues associated with the double “S” curve near Freeport, TX; and the difficulties negotiating the intersection with the Chocolate Bayou Channel; and developing long range disposal plans for these segments of the GIWW. Detailed analysis will include, but will not be limited to, land and hydrographic surveys of the channel and likewise placement areas that would be utilized during the construction phase of this project. Coordination activities will be resumed with the multiple stakeholders, including all of the Resource Agencies, TxDOT and others, that have an expressed interest and/or concern(s) in this project.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The anticipated completion for the feasibility study phase on this project is estimated as FY2011.

**OTHER INFORMATION:** The project sponsor is the Texas Department of Transportation (TxDOT). TxDOT is responsible for providing all of the necessary LERRD on this project. Additionally, this project would be cost-shared on a 50/50 basis with the Inland Navigation Waterway Trust Fund.

**ADMINISTRATION POSITION:** Consistent with the Administration’s policy regarding protecting the nation’s inland waterway system

**CONGRESSIONAL INTEREST:** Senators Hutchison and Cornyn (TX); Congressmen Paul (TX-14), and Lampson (TX-22).

**DISTRICT:** Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Navigation

STUDY NAME: GIWW – Port O'Connor to Corpus Christi Bay, Texas

AUTHORIZATION: The study is authorized under Section 216 of the 1970 Flood Control Act.

LOCATION: This project includes an estimated 79 mile segment of the Gulf Intracoastal Waterway extending from Port O'Connor to the Kennedy Causeway at Corpus Christi Bay, TX.

DESCRIPTION: The purpose of the study is to evaluate operational problems and address environmental concerns along this reach of the waterway. Thirty-one (31) miles of this reach of the waterway are within the critical habitat of the endangered whooping crane. This segment has been addressed under a separate feasibility study for the Aransas National Wildlife Refuge, and is therefore excluded from consideration.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 Study
Estimated Federal Cost	\$ 4,130
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 4,130
Allocation thru 2004	\$ 2,803
Allocation for FY 2005	377
Allocation for FY 2006	332
Allocation for FY 2007	400
Balance to Complete after FY 2007	218
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: Funds will be used to complete draft interim feasibility report on two (2) key elements of the project: (1) proposed mooring facilities at Port O'Connor, and (2) proposed alternate route through Corpus Christi Bay, TX.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest attainable completion for a draft interim feasibility report is estimated for early FY 2008.

OTHER INFORMATION: Potential solutions would involve channel rerouting across Corpus Christi Bay, widening to relieve traffic congestion at Port O'Connor and Victoria Wye, stabilizing of banks in critical locations to relieve channel shoaling problems, and the coordination and locating of mooring facilities for holding vessels during inclement conditions. Other solutions may include restoration of areas previously impacted by project construction or subsequent maintenance activities, restoration of wetland habitat lost as a result of project usage, and dredging of circulation channels between designated dredged material disposal areas. The project is designated as part of the inland waterway system.

ADMINISTRATION POSITION: This project is consistent with the Administration's policy regarding protecting the nation's inland waterway system.

CONGRESSIONAL INTEREST: Senators Hutchison and Cornyn; Representatives Paul (R-14), Hinojosa (TX-15), and Ortiz (TX-27).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Navigation

STUDY NAME: GIWW – Vicinity of Port Isabel, Texas

AUTHORIZATION: The study is authorized under Section 216 of the 1970 Flood Control Act.

LOCATION: This navigation project is located at the extreme southern end of the Gulf Intracoastal Waterway (GIWW) in the vicinity of Port Isabel, Texas.

DESCRIPTION: The purpose of this Study is to enhance safety and transportation efficiency on the waterway by removing a sharp turn at the northern end of Long Island. Cameron County, along with a number of other local entities, is interested in a possible realignment of the GIWW so that it no longer passes between the waterfront of the City of Port Isabel and Long Island, but instead travels directly from the point at which it intersects the Brownsville Ship Channel. Over the years a number of very serious accidents have occurred within this reach of the GIWW, culminating in the September 15, 2001, barge collision with the Queen Isabella Causeway that resulted in several deaths (8) and a major economic impact of \$5M to \$15M for the people and businesses that depend on access to South Padre Island for their livelihood.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 Study
Estimated Federal Cost	\$ 3,763
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 3,763
Allocation thru 2004	\$ 99
Allocation for FY 2005	504
Allocation for FY 2006	346
Allocation for FY 2007	500
Balance to Complete after FY 2007	2,314
Benefit to Cost Ratio Applicable rate ( %)	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: Complete vessel simulation modeling work that ERDC initiated in FY 2006. Based on preliminary findings, ERDC recommends modeling two different widenings of the GIWW where it makes the sharp turn at the northern end of Long Island, allowing barge traffic the opportunity for a more accurate alignment as it approaches the Queen Isabella Causeway. Additionally, FY 2007 funds will be utilized to conduct the engineering, environmental, and planning studies necessary to identify a recommended plan on the proposed alterations to the GIWW along this reach.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest attainable completion for the feasibility report is estimated for FY 2008.

OTHER INFORMATION: The project sponsor is the Texas Department of Transportation (TxDOT) which is headquartered in Austin, TX. TxDOT is responsible for providing all of the necessary LERRD on this project. Additionally, this project would be cost-shared on a 50/50 basis with the Inland Navigation Waterway Trust Fund.

ADMINISTRATION POSITION: Consistent with the Administration's policy regarding protecting the Nation's inland waterway system.

CONGRESSIONAL INTEREST: Senators Hutchison and Cornyn (TX); Congressman Ortiz (TX-27).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Navigation

STUDY NAME: Sabine-Neches Waterway, Texas

AUTHORIZATION: Senate Resolution dated 5 June 1987.

LOCATION: The Sabine-Neches Waterway is a federally constructed deep-draft channel, which serves the Ports of Port Arthur, Beaumont, and Orange, Texas. The existing waterway consists of a jettied entrance channel from the Gulf of Mexico to Beaumont via the Neches River.

DESCRIPTION: The study is investigating navigation modifications up to the Port of Beaumont to improve the efficiency and safety of navigation on the waterway. The Channel to Orange portion of the waterway is not part of this study.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$ 6,687
Estimated Non-Federal Cost	6,562
Cash	(6,241)
Other	(321)
Total Estimated Cost	\$13,249
Allocation thru 2004	\$4,963
Allocation for FY 2005	720
Allocation for FY 2006	604
Allocation for FY 2007	400
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (7%)	1.5
Benefit to Cost Ratio at 7%:	1.5
Remaining Benefits Remaining Costs Ratio at 7%:	1.5

FY 2007 ACTIVITIES: FY07 allocation in the amount of \$400,000 will be used to complete feasibility study activities, including the final Feasibility Report and Environmental Impact Statement (EIS).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: December, 2007 is the earliest attainable completion date for the feasibility study.

OTHER INFORMATION: The non-Federal sponsor for the study is the Jefferson County Waterway and Navigation District. The project involves approximately 48 pipeline relocations. Current policy states the local sponsor will be required to fund 50% of the costs of relocation, at an estimated \$1.5M per pipeline for depths greater than 45 feet.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (both TX); Congressmen Poe (TX-2), Brady (TX-8), Edwards (TX-17), and Boustany (LA-4).

DISTRICT: Galveston

Date: April 2, 2007

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME: McClellan-Kerr Arkansas River Navigation System, Locks and Dams (MKARNS), AR & OK (Arkansas/White Cutoff Containment Structure, AR)

AUTHORIZATION: 1946 River and Harbor Act

LOCATION: Arkansas County, Arkansas

DESCRIPTION: The Arkansas/White Cutoff is an element of the McClellan-Kerr Arkansas River Navigation System (MKARNS). A natural cutoff between the lower White and Arkansas rivers was closed during development of MKARNS. During the 1970's and 1980's, a new cutoff began to develop upstream in the Melinda Channel-Owens Lake corridor, and in 1989 construction of a more extensive set of structures, known as the Arkansas/White Cutoff Containment Structure, was initiated at a cost of over \$15M in an attempt to prevent continued cutoff development. However, development has continued and threatens to breach the land between the two rivers. Since the headcut containment structure was completed in 1992, the Corps has been required to continue to fund repairs to reduce the possibility of a cutoff.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Construction</u>
Estimated Federal Cost	\$681,000
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$681,000
Allocation thru 2004	\$628,186
Allocation for FY 2005	1,199
Allocation for FY 2006	569
Allocation for FY 2007	300
Balance to Complete after FY 2007	50,746
Benefit to Cost Ratio Applicable Rate (___%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Continuing progress on general reevaluation studies, leading to the design of a long-term solution to the cutoff problem.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: General Reevaluation Study is scheduled for completion in FY08.

OTHER INFORMATION: FY07 construction funds are being used to complete the General Reevaluation Study. Future work related to the study and to make repairs to existing structures should be funded under the O&M appropriation.

ADMINISTRATION POSITION: Supports the project, since it provides high priority inland navigation outputs.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor (AR); Congressman Berry (AR-1) and Ross (AR-4).

DISTRICT: Little Rock District

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME: Montgomery Point Lock and Dam (MPLD), Arkansas

AUTHORIZATION: Rivers and Harbors Act of 1946

LOCATION: MPLD is being constructed one-half mile upstream from the Mississippi River, in the White River Entrance Channel, the first reach in the McClellan-Kerr Arkansas River Navigation system

DESCRIPTION: Construction of MPLD will allow control of the water level in the entrance channel, which will maintain the reliability of the navigation system during periods of low water.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) Construction
Estimated Federal Cost	\$265,499
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$265,499
Allocation thru FY 2004	\$218,851
Allocation for FY 2005	8,738
Allocation for FY 2006	18,910
Allocation for FY 2007	19,000
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (8.25)	1.09
Benefit to Cost Ratio at 7%	1.3
Remaining Benefits Remaining Costs Ratio at 7%	0

FY 2007 ACTIVITIES: Complete acquisition of the operating equipment for the lock and dam, and address warranty and punch-list tasks which completes all features of the project.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2010

OTHER INFORMATION: The project is 95% complete. The Corps took over full possession of the structure in June 2005 and the project was placed into operation. The remaining support contracts to be awarded in FY07 are for the barge and crane. These items are required for operation and maintenance of the project. The FY 07 funding will complete the project.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Pryor (AR), Lincoln (AR), and Inhofe (OK).  
Congressmen Berry (AR), Ross (AR), Snyder (AR), and Boozman (AR).

DISTRICT: Little Rock District (SWL)

Date: 03 April 2007

# CONTINUING AUTHORITIES PROGRAM



FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 107  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT NAME: Slack Water Harbor, Arkansas River, Russellville, Arkansas

AUTHORIZATION: Section 107 of the River and Harbor Act of 1960 (Public-Law 86-645)

LOCATION: Project is located on the left descending bank of the Arkansas River at navigation mile 202.6 downstream of Dardanelle Dam in Pope County.

DESCRIPTION: On August 26, 2002, the memo from OASA (CW) was signed providing approval of the report. The local sponsor is the River Valley Regional Inter-model Facility Authority. The plans and specifications were initiated in October 2002 and were put on hold in September 2003 at the 50% design per the sponsor's request.

SUMMARIZED FINANCIAL DATA (\$000)	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 3,450
Estimated Non-Federal Cost	3,976
Cash	(2,783)
Other	(1,193)
Total Estimated Cost	\$ 7,426
Allocation thru 2004	\$ 366
Allocation for FY 2005	38
Allocation for FY 2006	207
Allocation for FY 2007	2,839
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable Rate (5.125%)	1.3
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Execute the PCA and award the construction contract.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Administration does not support.

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor, AR; Congressman Boozman (AR-3)

DISTRICT: Little Rock District

Date: 02 April 2007

# OPERATION AND MAINTENANCE

FACT SHEET  
OPERATIONS AND MAINTENANCE  
Enacted Project

BUSINESS PROGRAM: Navigation

PROJECT: Brazos Island Harbor, Texas

AUTHORIZATION: RHC Doc. 16, 71st Cong., 2nd Session, 1930; as amended, Section 201, PL 99-662, 1986

LOCATION: The project is located in the vicinities of Port Isabel and Brownsville in Cameron County, Texas

DESCRIPTION: The project provides deep draft access from the Gulf of Mexico through a jettied entrance channel to Brownsville, and a side channel and shallow draft Fishing Boat Harbor near Port Isabel. The project is 22.8 miles in length. The authorized depths are 42 feet for the main channel and 44 feet through the jetties and outer bar.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007
	<u>O&amp;M</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru FY 2004	N/A
Allocation for FY 2005	\$2,875
Allocation for FY 2006	3,775
Allocation for FY 2007	5,980
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate:	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: The FY 2007 President's budget amount will be used to dredge the Jetty Channel to authorized dimensions, and to dredge a portion of the Main Channel to Turning Basin.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Currently, the U.S. Coast Guard and the Pilots have restricted the Inside Jetty Channel to 35 feet and the Main Channel to 37 feet. Based on a recent economic impact study, the economic effect of not maintaining the channel to 42 feet results in annual cost penalties of over \$5.7 Million per year for a 38 foot draft restriction and could escalate to over \$19.4 Million for the 35 feet draft restriction. Certain vessels not able to access Brownsville are turned away to Mexico.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senate: Cornyn (TX) and Hutchison (TX), House: Ortiz (TX-27)

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
OPERATIONS AND MAINTENANCE  
Enacted Project

BUSINESS PROGRAM: Navigation

PROJECT NAME: Channel to Victoria, Texas

AUTHORIZATION: Section 3, PL 100-676 dated 17 Nov 1988

LOCATION: This navigation project is located in the vicinities of Seadrift and Victoria in Calhoun and Victoria Counties, Texas

DESCRIPTION: The Channel to Victoria project provides a 34.8 mile shallow draft channel extending from it's junction with the main channel of the Gulf Intracoastal Waterway at Mile 492 northwesterly across San Antonio Bay through a landlocked section lying east of the Guadalupe River and terminating at the turning basin near the City of Victoria. The Channel to Seadrift project provides a 2 mile shallow draft channel extending from the Channel to Victoria northeasterly and terminating at the turning basin at Seadrift.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007
	<u>O&amp;M</u>
Estimated Federal Cost	N/A
Estimated Non-Federal Cost	N/A
Cash	N/A
Other	N/A
Total Estimated Cost	N/A
Allocation thru 2004	N/A
Allocation for FY 2005	0
Allocation for FY 2006	\$6,278
Allocation for FY 2007	3,120
Balance to Complete after FY 2007	N/A
Benefit to Cost Ratio Applicable rate:	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: Perform maintenance dredging Lower Reach (STA 0-170). Engineering and Design for construction to counteract bank erosion and dilapidated drainage features throughout inland portion, as funding allows.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: N/A

OTHER INFORMATION: Currently, severe bank erosion and dilapidation of drainage structures is causing channel shoaling impacting navigability of channel; protection of endangered species, seasonal dredging, and archeological sites are also concerns. Maintenance of the project to authorized dimensions is a Federal responsibility. Safe and efficient commercial navigation is of national interest.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senator Cornyn (TX) and Hutchison (TX) Congressman Paul, (TX-14)

DISTRICT: Galveston

Date: April 2, 2007

# ENVIRONMENT

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Grand (Neosho) River Basin Watershed, OK, KS, MO & AR

AUTHORIZATION: Section 208, Flood Control Act of 1965.

LOCATION: The study area consists of the 8,000 square-mile Grand/Neosho River Basin above Pensacola Dam (Grand Lake) in northeastern Oklahoma and southeastern Kansas. This broad authority will be used for several interim studies.

DESCRIPTION: The recommended plan in the reconnaissance report is a collection of separate structural and ecosystem restoration measures to address flood control and ecosystem issues and opportunities. The John Redmond Reservoir Feasibility Study will focus on ecosystem restoration in and above the lake. Issues that will be specifically be addressed include sedimentation, the log jam, and dredging.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	\$ 3,200
Estimated Non-Federal Cost	3,000
Cash	(1,500)
Other	(1,500)
Total Estimated Cost	\$ 6,200
Allocation thru FY2004	\$ 128
Allocation for FY 2005	42
Allocation for FY 2006	148
Allocation for FY 2007	150
Balance to Complete after FY 2007	2,732
Benefit to Cost Ratio Applicable rate	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete bathymetric survey, begin dredging assessment, initiate stream and riparian erosion assessment, and begin sampling and watershed modeling effort.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest attainable completion date for the feasibility phase of the study is FY 2010.

OTHER INFORMATION: John Redmond Reservoir, Kansas, Watershed Feasibility Study feasibility cost share agreement was executed in Sep 2006.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Senator Brownback and Roberts, KS; and Congressmen Moran, KS-1, Boyda, KS-2, and Tiahrt, KS-4.

DISTRICT: Tulsa

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Oologah Lake Watershed, Oklahoma and Kansas

AUTHORIZATION: Section 206, Flood Control Act 1958; Resolution adopted on May 25, 1960 by the House Committee on Public Works.

LOCATION: The Verdigris River basin drainage area is approximately 4,300 square miles and is located in southeastern Kansas and northeastern Oklahoma.

DESCRIPTION: The study will address impacts of upstream development and agricultural practices on aquatic and terrestrial habitat within the Basin.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>STUDY</u>
Estimated Federal Cost	\$ 2,362
Estimated Non-Federal Cost	2,312
Cash	(2,312)
Other	(0)
Total Estimated Cost	\$ 4,674
Allocations thru FY 2004	\$ 305
Allocation for FY 2005	202
Allocation for FY 2006	247
Allocation for FY 2007	240
Balance to Complete after FY 2007	1,368
Benefit to Cost Ratio Applicable rate	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Feasibility studies activities will include completing alternative formulation, and continue alternative screening, and alternative selection.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest attainable completion date for the feasibility phase of the study is FY 2009.

OTHER INFORMATION: A feasibility cost-sharing agreement was signed in July 2002 with the Tulsa Metropolitan Utility Authority, the local sponsor. Kansas Water Office has expressed an interest in joining the study as a cost share sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senator Inhofe, OK; Congressmen Sullivan, OK-1, and Boren, OK-2.

DISTRICT: Tulsa

Date: 29 March 2007



FACT SHEET  
INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Ecosystem Restoration

STUDY NAME: Resacas at Brownsville, Texas

AUTHORIZATION: House Committee on Transportation and Infrastructure Resolution, 10 November 1999.

LOCATION: Brownsville, TX

DESCRIPTION: The City of Brownsville is located along the Rio Grande River in south Texas and has requested a study of the Resacas of the Rio Grande. Resacas are small lakes and reservoirs formed from the meandering of the Rio Grande and are capable of providing a certain level of flood protection for the city (similar to detention reservoirs). The primary purpose of the study is environmental restoration. The study effort will evaluate the environmental restoration of the resacas, improved flood protection, and enhanced water storage.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 Study
Estimated Federal Cost	\$ 2,066
Estimated Non-Federal Cost	1,966
Cash	(1,696)
Other	(270)
Total Estimated Cost	\$4,032
Allocation thru 2004	\$764
Allocation for FY 2005	198
Allocation for FY 2006	74
Allocation for FY 2007	150
Balance to Complete after FY 2007	880
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: FY 07 allocation in the amount of \$150,000 will be used to assess the engineering, economic, and environmental components of restoring the Resacas, including performing additional ecosystem modeling.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 08 is the earliest attainable completion year for the feasibility study.

OTHER INFORMATION: The Feasibility Cost Sharing Agreement was signed on 17 April 2002. During the past 10 years, siltation and plant growth have reduced the capacity of the resacas, and the city would like to investigate economical ways of restoring and preserving the resacas. The non-Federal sponsor for the project is the Brownsville Public Utilities Board.

ADMINISTRATION POSITION: The Administration supports the study since it provides high priority environmental restoration outputs.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (both TX); and Congressman Ortiz (TX-27).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
GENERAL INVESTIGATIONS  
Enacted Study

BUSINESS PROGRAM: Ecosystem Restoration

STUDY NAME: Sabine Pass to Galveston Bay, Texas

AUTHORIZATION: House Resolution 289 dated 9 October 1998.

LOCATION: The study area is located along the southeastern Texas shoreline and consists of approximately 92 miles of Gulf of Mexico shoreline in Jefferson, Chambers, and Galveston Counties from Sabine Pass to San Louis Pass at the western end of Galveston Island.

DESCRIPTION: This study will address the significant shoreline erosion occurring along the upper Texas coast causing the destruction of nationally significant wetlands, loss of land, and damage to homes, commercial property, and State Highway 87.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>Study</u>
Estimated Federal Cost	\$ 3,131
Estimated Non-Federal Cost	3,046
Cash	(1,406)
Other	(1,640)
Total Estimated Cost	\$ 6,177
Allocation thru 2004	\$ 1,160
Allocation for FY 2005	358
Allocation for FY 2006	743
Allocation for FY 2007	270
Balance to Complete after FY 2007	600
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: FY07 allocation in the amount of \$270,000 will be used to continue feasibility study efforts, S-Beach modeling, Phase III Sand Source support, and begin economic and environmental analysis.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 2009 is the earliest attainable completion FY for the feasibility study.

OTHER INFORMATION: Study was originally scheduled to be completed in FY07. The overall study cost estimate and scope has been increased to accommodate difficult economic modeling issues involving time and newly expected scope of work.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (both TX); Congressmen Poe (TX-2) and Paul (TX-14).

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Southeast Oklahoma Water Resource Study, Oklahoma

AUTHORIZATION: 1983 Supplemental Appropriations Act (PL 98-63).

LOCATION: The region includes the approximate southeast quadrant of Oklahoma, encompassing 29 counties that comprise both the Kiamichi River Basin and other sub-basins of tributaries to the Red River as well.

DESCRIPTION: The water resources will be broadly analyzed to determine yield and the impacts of future use. The infrastructure will also undergo a systematic and detailed analysis the partnership with the councils of government. The outputs from this project will be an integral part of state water planning.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	Study \$3,586
Estimated Non-Federal Cost	3,476
Cash	(2,732)
Other	(744)
Total Estimated Cost	\$ 7,062
Allocations thru FY 2004	\$ 188
Allocations for FY 2005	0
Allocations for FY 2006	40
Allocation for FY 2007	104
Balance to Complete after FY 2007	3,254
Benefit to Cost Ratio Applicable rate	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds provided will be used to continue feasibility studies, to defining level of effort and partnership with Oklahoma Water Resources Board and the Oklahoma Councils of Governments. This will be a model for future water planning efforts throughout the state.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest attainable completion for the feasibility phase of the study is FY 2011.

OTHER INFORMATION: The Oklahoma Water Resources Board was the sponsor for Phase I of the study and will continue in subsequent phases. This project is a high priority for the sponsor.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Inhofe (OK)

DISTRICT: Tulsa

Date: 2 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental.

PROJECT/STUDY NAME: Spavinaw Creek Watershed, Oklahoma and Arkansas

AUTHORIZATION: Section 208, Flood Control Act of 1965 (PL 89-298).

LOCATION: The 415-square mile watershed for Eucha and Spavinaw lakes is located in Mayes and Delaware Counties, Oklahoma and in Benton County, Arkansas.

DESCRIPTION: The study will focus on lakes Eucha and Spavinaw, and the portion of Spavinaw Creek between the two lakes. Aquatic ecosystem degradation of both lakes has accelerated as the confined animal feeding operations, primarily poultry and swine, have increased. External and internal nutrient loading, thermal stratification of the lake, low dissolved oxygen content, and excessive algae blooms combine to impair the aquatic ecosystem and reduce water quality. The lakes are situated in the only portion of the Ozark Highlands ecoregion that lies within Oklahoma. This ecoregion represents the only extensive mountainous topography between the Appalachian Chain and the Rockies, and hosts the only flora and fauna associated with the oak/hickory forest cover in Oklahoma.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
<u>Estimated Federal Cost</u>	\$ 404
<u>Estimated Non-Federal Cost</u>	304
Cash	(265)
Other	(39)
<u>Total Estimated Cost</u>	\$ 708
Allocation thru 2004	\$ 48
Allocation for FY 2005	86
Allocation for FY 2006	59
Allocation for FY 2007	211
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds will be used to complete the feasibility study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility efforts will be complete in 2008.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Inhofe and Coburn, OK; Congressmen Boren, OK-2, and Sullivan, OK-1.

DISTRICT: Tulsa

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration.

PROJECT/STUDY NAME: Walnut and Whitewater River Watersheds, Kansas

AUTHORIZATION: Arkansas River and Tributaries, Great Bend, Kansas, to Tulsa, Oklahoma, Section 208, Flood Control Act, 27 October 1965.

LOCATION: The 230 square mile watershed impounded by El Dorado Lake including Butler, Chase and Greenwood Counties in Kansas.

DESCRIPTION: Study efforts include addressing identified opportunities to reduce sedimentation in El Dorado Lake and meet the watershed total daily maximum load (TMDL) issues of sediment and eutrophication for the purpose of preserving existing water supply storage; and to restore riparian and aquatic habitat and ecosystem function in the lake and upstream watershed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 655
Estimated Non-Federal Cost	555
Cash	(100)
Other	(455)
Total Estimated Cost	\$ 1,210
Allocation thru 2004	\$ 269
Allocation for FY 2005	99
Allocation for FY 2006	198
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Carryover funds will be used to complete the feasibility phase study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility efforts will be complete in 2007.

OTHER INFORMATION: None.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Brownback and Roberts, KS, Congressman Tiahrt, KS-4.

DISTRICT: Tulsa

Date: 5 April 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Washita River Basin, Oklahoma

AUTHORIZATION: Red River and Tributaries above Denison Dam, Texas, Oklahoma, and New Mexico, House Resolution dated 25 February 1938; Senate Resolutions dated 18 February 1954 and 19 June 1962.

LOCATION: The Washita River is a 7,790 square miles tributary to the Red River in Oklahoma. The Washita River flows into Lake Texoma, located on the Red River between Oklahoma and Texas.

DESCRIPTION: The water resources will be broadly analyzed to determine yield and the impacts of future use. The infrastructure will also undergo a systematic and detailed analysis the partnership with the councils of government. The outputs from this project will be an integral part of state water planning.

	FY 2007 (\$000)
<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	\$ 450
Estimated Non-Federal Cost	350
Cash	(175)
Other	(175)
Total Estimated Cost	\$ 800
Allocations thru FY 2004	\$ 100
Allocation for FY 2005	33
Allocation for FY 2006	49
Proposed House Amount for FY 2007	0
Proposed Senate Amount for FY 2007	50
Allocation for FY 2007	0
Balance to Complete after FY 2007	268
Benefit to Cost Ratio Applicable rate	N/A
remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Completion of the 905b report and execution of a feasibility cost share agreement.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest completion is 2010.

OTHER INFORMATION: Project is a high priority for the Oklahoma Water Resources Board.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Senator Inhofe, OK; Congressman Cole, OK-4.

DISTRICT: Tulsa

Date: 29 March 2007

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

STUDY NAME: White River Minimum Flows, Arkansas and Missouri

AUTHORIZATION: Section 216 of the Flood Control Act of 1970 and Section 132 of the FY 2006 Energy and Water Resources Development Act (P.L. 109-103).

LOCATION: The area involved is the cold water trout fisheries on the White River, the North Fork River, Bull Shoals and Norfork high head dams.

DESCRIPTION: Reallocate 5-feet of storage from the Bull Shoals flood pool, 1.75-feet of storage from the Norfork flood pool & 1.75-feet from Norfork conservation pool to be used to maintain a minimum flow in the tailwater trout fisheries.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>PED</u>
Estimated Federal Cost	\$ 1,150
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 1,150
Allocation thru 2004	\$ 0
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	750
Balance to Complete after FY 2007	400
Benefit to Cost Ratio Applicable rate (5.625%)	
Bull Shoals	36.2
Norfork	4.0
Benefit to Cost Ratio at 7%	
Bull Shoals	30.6
Norfork	3.3
Remaining Benefits Remaining Costs Ratio at 7%	
Bull Shoals	30.6
Norfork	3.3

FY 2007 ACTIVITIES: Funds would be used to finalize the Project Report and EIS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Complete NEPA document by FY 2008, complete PED by FY 2009, initiate Construction FY 2010.

OTHER INFORMATION: Funds could be used in FY 2008 to complete the Project Report, supplemental EIS and plans & spec. .

ADMINISTRATION POSITION: Inconsistent with Administration policy

CONGRESSIONAL INTEREST: Senators Lincoln and Pryor (AR), Bond and Talent (MO). Representatives Berry (AR-1), Boozman (AR-3), Blunt (MO-7) and Emerson (MO-8).

DISTRICT: Little Rock District

FACT SHEET  
INVESTIGATIONS  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration.

PROJECT/STUDY NAME: Wister Lake Watershed, Oklahoma

AUTHORIZATION: Resolution adopted January 28, 1955, by Senate Committee on Public Works.

LOCATION: Wister Lake is located on the Poteau River at river mile 60.9, approximately 2 miles south of Wister, in LeFlore County, Oklahoma.

DESCRIPTION: This aquatic ecosystem restoration study will evaluate alternatives for in-lake solutions at Wister Lake. Excessive sedimentation and turbidity; wind and wave action, external and internal nutrient loading; excessive algae growth; thermal stratification and low dissolved oxygen levels; and excessive iron and manganese compounds re-suspending into the water from lake bed sediments are problems impairing the ecosystem at Wister Lake and contributing to habitat loss and degradation of the aquatic environment in the lake.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
Estimated Federal Cost	\$ 300
Estimated Non-Federal Cost	200
Cash	(0)
Other	(200)
Total Estimated Cost	\$ 500
Allocation thru 2004	\$ 91
Allocation for FY 2005	41
Allocation for FY 2006	49
Allocation for FY 2007	119
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds will be used to complete feasibility scoping meeting with HQ and continue study with detailed alternative analysis. This includes environmental, hydrological, and economic analysis. FY 2007 carryover funds would be used in FY 2008 to complete draft final report in first quarter and also complete the study.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility efforts will be complete in 2008.

OTHER INFORMATION: Wister Lake is located in the Crosstimbers Ecoregion, one of the most altered ecoregions in the U.S. The Federally protected American Burying Beetle is known to occur downstream from the dam, and the lake provides a migratory link between the waterfowl refuge to the north and a State wildlife and forest management area to the southwest.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Inhofe, OK; Congressman Boren, OK-2.

DISTRICT: Tulsa

Date: 5 April 2007

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# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Restoration

PROJECT NAME: Johnson Creek, Arlington, Upper Trinity Basin, Texas

AUTHORIZATION: WRDA 99, Sec 101(b)(14) and the Energy and Water Appropriations Act, 2005, Sec 134

LOCATION: The project is located in Arlington, Tarrant County, Texas, in the upper Trinity River Basin.

DESCRIPTION: The Johnson Creek project includes a buy-out of 140 structures for flood damage reduction, 155 acres of ecosystem restoration, and 2.25 miles of linear recreation features. The buy-out would prevent damages during a 25-year flood event.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 22,339
Estimated Non-Federal Cost	9,595
Cash	( 8,405)
Other	18,000
Total Estimated Cost	\$ 31,934
Allocation thru 2004	\$ 15,801
Allocation for FY 2005	1,644
Allocation for FY 2006	315
Allocation for FY 2007	200
Balance to Complete after FY 2007	4,379
Benefit to Cost Ratio Applicable rate (6-5/8%)	1.7
Benefit to Cost Ratio at 7%	1.5
Remaining Benefits Remaining Costs Ratio at 7%	7.4

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to demolish the last structure that has been acquired by the city, and initiate a general reevaluation (GRR) of the authorized project, including an evaluation of the features of the new city plan.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012

OTHER INFORMATION: Construction activities were suspended in May 2006 at the request of the non-Federal sponsor. The sponsor has requested the Corps assess the viability of a locally preferred plan. The GRR to review the technical adequacy, environmental acceptability, and economic feasibility of a locally preferred plan is scheduled to be completed in November 2008.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Barton, TX-6

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
INVESTIGATION  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT NAME: San Antonio Channel Improvement, Texas

AUTHORIZATION: Senate Flood Control Act of 1954 and the WRDA of 1976 (Sec 103), 1996 (Sec 224) and 2000 (Sec 335)

LOCATION: The San Antonio Channel Improvement Project is located within the city of San Antonio, Texas along the San Antonio River and five of its tributaries.

DESCRIPTION: The authorized project includes local protection features including channels, levees and two diversion tunnels which are complete, and ecosystem restoration and recreation features which are under design.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Construction</u> \$ 224,900
Estimated Non-Federal Cost	106,100
Cash	30,220
Other	75,880
Total Estimated Cost	\$ 331,000
Allocation thru 2004	\$ 158,981
Allocation for FY 2005	1,333
Allocation for FY 2006	2,703
Allocation for FY 2007	4,000
Balance to Complete after FY 2007	57,883
Benefit to Cost Ratio Applicable rate (2-1/2%)	4.7
Benefit to Cost Ratio at 7%	7.0
Remaining Benefits Remaining Costs Ratio at 7%	7.0

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to continue the General Reevaluation Report for Woodlawn, to fully fund the vegetation contract for Phase I, complete design and plans and specifications for Phase I, and continue design of Phase II for the Mission Reach.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012.

OTHER INFORMATION: Project includes ecosystem restoration and recreation benefits. The flood damage reduction measures were completed in FY2002. A new reach is currently being investigated in the Woodlawn area of the city for potential flood damage reduction measures.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Gonzalez, TX-20; Smith, TX-21; Rodriguez, TX-23; Cuellar, TX-28.

DISTRICT: Fort Worth District

Date: 2 April 2007

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# CONTINUING AUTHORITIES PROGRAM

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Arkansas City Ecosystem Restoration, Kansas

AUTHORIZATION: Sec 206, Water Resources Development Act of 1996, as amended (Continuing Authority, Aquatic Ecosystem Restoration).

LOCATION: The city of Arkansas City is located at the confluence of the Arkansas and Walnut Rivers in Cowley County, approximately 50 miles southeast of Wichita, Kansas.

DESCRIPTION: The proposed project is addressing the feasibility of improving 122 acres of various types of habitat along the Arkansas River in Kansas. The non-Federal sponsor is the city of Arkansas City, Kansas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 258
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$ 258
Allocation thru 2004	\$ 80
Allocation for FY 2005	0
Allocation for FY 2006	178
Proposed House Amount for FY 2007	0
Proposed Senate Amount for FY 2007	0
Allocation for FY 2007	0
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds will be used to complete feasibility efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility efforts will be completed in FY 2007.

OTHER INFORMATION: Current policy allows for completion of the feasibility study at upfront Federal financing.

ADMINISTRATION POSITION: The Administration supports high priority ecosystem restoration outputs.

CONGRESSIONAL INTEREST: Senators Brownback and Roberts, KS; Congressman Tiahrt, KS-4.

DISTRICT: Tulsa

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT NAME: Big Cypress Bayou Fish and Wildlife Habitat Restoration, TX

AUTHORIZATION: Sec 1135, WRDA 1986, as amended

LOCATION: The project is located in Marion County in northeast Texas. The specific project site is located on the west bank of Big Cypress Bayou within the city of Jefferson, Texas, approximately 14 miles downstream of Lake O' the Pines.

DESCRIPTION: The project includes reforestation, urban wildscape, emergent wetlands, development of in-stream spawning and nursery habitat and educational/interpretive paths. A gain of approximately 17,925 average annual habitat units (AAHU) was estimated with implementation of the project.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 2,747
Estimated Non-Federal Cost	916
Total Estimated Cost	\$ 3,663
Allocation thru 2004	\$ 507
Allocation for FY 2005	40
Allocation for FY 2006	525
Allocation for FY 2007	1,675
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to execute the PCA and initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2013

OTHER INFORMATION: Funds received in FY 2007 will fully fund project construction.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Gohmert, TX-1.

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT NAME: Eagleland Habitat Restoration, San Antonio, TX

AUTHORIZATION: Sec 1135, WRDA 1986, as amended

LOCATION: The Eagleland project is located within San Antonio, Texas along the channelized portion of the San Antonio River from Alamo Street dam downstream to Lone Star Boulevard bridge near the San Antonio River Tunnel outlet.

DESCRIPTION: The recommended plan includes restoration of the native river forest corridor and adjacent grasslands through vegetation of the upper channel slopes with native Texas plants that provide high quality habitat. The plan also included restoration of aquatic habitat in the San Antonio River by construction of a pool and riffle complex, limestone outcrops and aquatic vegetation.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	Construction \$ 2,147
Estimated Non-Federal Cost	713
Total Estimated Cost	\$ 2,860
Allocation thru 2004	\$ 1,508
Allocation for FY 2005	356
Allocation for FY 2006	225
Allocation for FY 2007	328
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to fully fund construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: Funds received in FY 2007 anticipated to fully fund project construction.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Cuellar, TX-28.

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Joe Creek Habitat Restoration, Oklahoma

AUTHORIZATION: Section 1135 of the Water Resources Development Act of 1986 (Public Law 99-662) (Continuing Authority-Habitat Restoration).

LOCATION: Joe Creek is a tributary to the Arkansas River at Tulsa, Oklahoma.

DESCRIPTION: The Joe Creek Local Protection Project was constructed under the authority of Section 205 of the 1948 Flood Control Act. A majority of the improved channel is concrete lined. The proposed project will focus on improvements to the riparian stream corridor habitat that was impaired when the flood control project was constructed.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Study</u>
Estimated Federal Cost	\$ 354
Estimated Non-Federal Cost	0
Cash	(0)
Other	(0)
Total Estimated Cost	\$ 354
Allocation thru 2004	\$ 0
Allocation for FY 2005	146
Allocation for FY 2006	99
Allocation for FY 2007	109
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: FY 2007 funds will be used to complete feasibility efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Feasibility efforts will be completed in FY 2007.

OTHER INFORMATION: Current policy allows for completion of the feasibility study at upfront Federal financing.

ADMINISTRATION POSITION: Consistent with Administration policy

CONGRESSIONAL INTEREST: Senator Inhofe, OK; Congressman Sullivan, OK-1.

DISTRICT: Tulsa

Date: 29 March 2007



FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT NAME: Millwood Lake, Grassy Lake, Arkansas

AUTHORIZATION: Section 1135, WRDA 1986, as amended, HR 108-212, ERWA 06

LOCATION: Grassy Lake is just downstream of Millwood Dam along Yellow Creek in Hempstead County, approximately 16 miles north of Texarkana in southwest Arkansas.

DESCRIPTION: The Red River Basin dams reduced the beneficial flooding of Grassy Lake, an old growth cypress swamp that is one of Arkansas's premier natural areas. This study will look at possible alternatives to include restoring Grassy Lake with flows from Millwood Lake and creating upstream wetlands.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 (\$000)</u> <u>Study</u>
Estimated Federal Cost	\$600
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$600
Allocation thru 2004	\$ 5
Allocation for FY 2005	71
Allocation for FY 2006	99
Allocation for FY 2007	75
Balance to Complete after FY 2007	350
Benefit to Cost Ratio Applicable Rate (___)%	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: The funds will be used to obtain surveys to assist in determining existing conditions, to determine whether Corps projects have contributed to the degradation of the environment, and potential solutions.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2009

OTHER INFORMATION: The 597-acre Little River Wildlife Management Area is in the study area although much of the area is owned by private hunting clubs. Current policy allows for completion of the feasibility study at upfront Federal financing.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Arkansas Senators Lincoln and Pryor, Congressman Ross (AR-4).

DISTRICT: Little Rock District (SWL)

Date: 02 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT NAME: O. C. Fisher Lake Ecosystem Restoration, TX

AUTHORIZATION: Sec 1135, WRDA 1986, as amended

LOCATION: O.C. Fisher Lake is located in west central Texas on the North Concho River, 6.3 miles above the river's confluence with the South Concho River and approximately 65 miles above its confluence with the Colorado River. The lake is adjacent to the city of San Angelo in the northwest corner of Tom Green County, Texas.

DESCRIPTION: The recommended plan would restore approximately 3,778 acres of lake habitat, 52 acres of riverine habitat, and 10 acres of intermittent-riverine habitat. In addition, the project would restore 11,759 acres of transitional habitat and 250 acres of bottomland hardwoods. The quality of the terrestrial and aquatic habitats within the project area would benefit through the removal and control of exotic/non-native, water-loving plant species.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 2,757
Estimated Non-Federal Cost	916
Total Estimated Cost	\$ 3,673
Allocation thru 2004	\$ 203
Allocation for FY 2005	12
Allocation for FY 2006	248
Allocation for FY 2007	2,294
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to execute the PCA and initiate construction.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2012

OTHER INFORMATION: Funds received in FY 2007 will fully fund project construction.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Conaway, TX-11.

DISTRICT: Fort Worth

Date: 2 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – Section 1135  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT/STUDY NAME: Sand Creek Ecosystem Restoration, Newton, Kansas

AUTHORIZATION: Section 1135 of the Water Resources Development Act of 1986, as amended (Continuing Authority, Habitat Restoration).

LOCATION: The Sand Creek local flood protection project was completed by the Corps of Engineers in April 1967 and is located in Newton, Kansas.

DESCRIPTION: The Sand Creek local flood protection project was completed by the Corps of Engineers in April 1967. A majority of the improved channel is rock lined and has eroded. The proposed ecosystem restoration project focuses on riparian corridor habitat restoration that would extend about 1.7 miles along the Sand Creek channel at Newton, Kansas.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 4,634
Estimated Non-Federal Cost	1,664
Cash	(1,264)
Other	(400)
Total Estimated Cost	\$ 6,298
Allocation thru 2004	\$ 0
Allocation for FY 2005	384
Allocation for FY 2006	2,970
Allocation for FY 2007	1,280
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%	N/A
Remaining Benefits Remaining Costs Ratio at 7%	N/A

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to initiate construction efforts.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction efforts will be completed in FY 2009.

OTHER INFORMATION: None

ADMINISTRATION POSITION: The Administration supports, since ecosystem restoration is considered a high priority output.

CONGRESSIONAL INTEREST: Senators Brownback and Hutchison, KS; Congressman Tiahrt, KS-4.

DISTRICT: Tulsa

Date: 4 April 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM – SECTION 206  
Enacted Project

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT: University of Texas Marine Science Institute (UTMSI), Texas

AUTHORIZATION: This Project is authorized by Section 206 of the Water Resources Development Act of 1996, Public Law 104-303, as amended.

LOCATION: The site is located on the UTMSI campus in Port Aransas, Nueces County, Texas. Port Aransas is located on the northernmost portion of Mustang Island, a barrier island that separates Corpus Christi Bay from the Gulf of Mexico. The proposed wetland restoration would be performed immediately adjacent to the Corpus Christi Ship Channel.

DESCRIPTION: The wetland restoration features will be constructed on 2.6 acres located on the UTMSI campus. In addition, approximately 1600 feet of dunes will be created. A broad range of estuarine habitat types will be constructed by removing several feet of the existing surface materials to achieve the elevation contours necessary to support target communities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY 2007 Construction</u>
Estimated Federal Cost	\$ 1,894
Estimated Non-Federal Cost	1,014
Cash	(945)
Other	(69)
Total Estimated Cost	\$ 2,908
Allocation thru 2004	\$ 495
Allocation for FY 2005	1,349
Allocation for FY 2006	0
Allocation for FY 2007	50
Balance to Complete after FY 2007	0
Benefit to Cost Ratio Applicable rate 7 %	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: Construction will be completed including the creation of open water and marsh surface habitats to resemble natural marsh systems in the area with undulating surfaces, high and lows, and a main channel with tributaries. The marsh system will be connected to the surrounding tidal waters to provide daily tidal exchange by installing two 36-inch culverts that will be completely submerged.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: Construction is scheduled to be completed in FY 2007.

OTHER INFORMATION: The Project Scope may be slightly modified to account for lack of additional non-Federal funds towards the end of completion. Scope changes would be minor and agreed upon by the Federal and non-Federal sponsors before implementation.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison (TX); Congressmen Edwards (TX-17), Paul (R-14) and Ortiz (TX-27)

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
CONSTRUCTION  
CONTINUING AUTHORITIES PROGRAM-SECTION 206  
Enacted Studies and Projects

BUSINESS PROGRAM: Ecosystem Restoration

PROJECT NAME: WWTP, Meridian, TX

AUTHORIZATION: Sec 206, WRDA 1996

LOCATION: The city of Meridian is the county seat of Bosque County and is located 47 miles northwest of Waco, Texas, on the North Bosque River. The project area includes both residential and municipal golf course lands along Moccasin Creek within the city of Meridian.

DESCRIPTION: The proposed aquatic restoration includes in-stream habitat, wetland, and riparian vegetation restoration along Moccasin Creek.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
Estimated Federal Cost	<u>Study</u> \$ 234
Estimated Non-Federal Cost	0
Total Estimated Cost	\$ 234
Allocation thru 2004	\$ 134
Allocation for FY 2005	0
Allocation for FY 2006	0
Allocation for FY 2007	40
Balance to Complete after FY 2007	60
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to cover obligations through 15 February (CRA period) for ongoing feasibility studies.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2008

OTHER INFORMATION: None.

ADMINISTRATION POSITION: The Administration supports this project.

CONGRESSIONAL INTEREST: Edwards, TX-17.

DISTRICT: Fort Worth

Date: 2 April 2007

# HYDROPOWER

# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Hydropower

PROJECT NAME: Whitney Lake (Powerhouse), TX (Major Rehab)

AUTHORIZATION: FCA 1941; RHA 1937; FCA 1937; FCA 1970, Sec 216

LOCATION: The project is located on the Brazos River, about 75 miles southwest of Dallas, Texas.

DESCRIPTION: Replace the two turbines, rewind and uprate the two generators, and replace necessary peripheral items and equipment within the powerhouse.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Construction</u>
Estimated Federal Cost	\$ 26,620
Estimated Non-Federal Cost	0
Cash	0
Other	0
Total Estimated Cost	\$ 26,620
Allocation thru 2004	\$ 1,189
Allocation for FY 2005	1,574
Allocation for FY 2006	3,379
Allocation for FY 2007	1,603
Balance to Complete after FY 2007	18,875
Benefit to Cost Ratio Applicable rate (5-7/8%)	1.8
Benefit to Cost Ratio at 7%	1.4
Remaining Benefits Remaining Costs Ratio at 7%	1.4

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to complete rehabilitation of the powerhouse overhead crane, award and fully fund the base bid of the turbine and generator contract, evaluate contractor submittals, and design and test the first turbine unit.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: The project is to be 100 percent Federally funded with payback from the Southwestern Power Administration's sale of power. In accordance with Corps continuing contracts policy, the turbine and generator contract base bid will be fully funded in FY 2007, with contract options to be awarded in subsequent fiscal years.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Edwards, TX-17.

DISTRICT: Fort Worth

Date: 2 April 2007



# WATER SUPPLY

# INVESTIGATIONS

FACT SHEET  
INVESTIGATIONS  
Enacted Project

BUSINESS PROGRAM: Ecosystem Restoration (Environmental Infrastructure)

PROJECT NAME: Colonias Along the U.S. and Mexico Border, Texas

AUTHORIZATION: Section 219(c)(18), WRDA 1992

LOCATION: Rural communities and neighborhoods located within 150 miles of the U.S.-Mexican border.

DESCRIPTION: Colonias lack adequate water supply and wastewater infrastructure and frequently also lack other basic services. Purpose of studies are to provide technical and design assistance concerning wastewater treatment facilities, water systems, intake structures, raw water pipelines and pumps, distribution lines, and storage tanks for Colonias in the United States located along the U.S.-Mexico border.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 <u>PED</u>
Estimated Federal Cost	\$ 1,250
Estimated Non-Federal Cost	430
Cash	(430)
Other	0
Total Estimated Cost	\$ 1,720
Allocation thru 2004	\$ 357
Allocation for FY 2005	339
Allocation for FY 2006	49
Allocation for FY 2007	0
Balance to Complete after FY 2007	505
Benefit to Cost Ratio Applicable rate (____%)	N/A
Benefit to Cost Ratio at 7%:	N/A
Remaining Benefits Remaining Costs Ratio at 7%:	N/A

FY 2007 ACTIVITIES: Coordinate with the Texas Secretary of State Office and the Texas Water Development Board to identify additional high priority colonias.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: This is a program for technical assistance to the State of Texas to prepare plans and specifications for multiple colonias along the United States and Mexico border.

OTHER INFORMATION: Villa Nueva's Facility Report is currently under review by the Texas Water Development Board. Platting for Rose Acres is complete and the results are being placed in document form. The planning and design for the La Presa Colonia is 80% complete.

ADMINISTRATION POSITION: This Project is consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senators Cornyn and Hutchison; (TX) Congressmen Cuellar (TX-28), Hinojosa (TX-15), Edwards (TX-11), Doggett (TX-25), and Ortiz (TX-27)

DISTRICT: Galveston

Date: April 2, 2007

FACT SHEET  
INVESTIGATION  
Enacted Studies and Projects

BUSINESS PROGRAM: Water Supply

STUDY NAME: Middle Brazos River, Texas

AUTHORIZATION: Senate Resolution by the Committee on Public Works, dated 12 August 1954

LOCATION: The study area, located within the middle portion of the Brazos River Basin, is bounded on the northwest by the Clear Fork of the Brazos River and on the southeast by Yegua Creek, and includes all or part of 32 counties.

DESCRIPTION: Currently, the only study underway is the Brazos Systems Assessment Interim Feasibility Study. It is being conducted to evaluate current reservoir storage allocations and operation strategies to identify potential modifications to meet the needs of the growing population and changing needs within the basin.

<u>SUMMARIZED FINANCIAL DATA</u>	FY 2007 (\$000)
	<u>Feasibility</u>
Estimated Federal Cost	\$ 3,225
Estimated Non-Federal Cost	2,647
Cash	2,002
Other	645
Total Estimated Cost	\$ 5,872
Allocation thru 2004	\$ 856
Allocation for FY 2005	(11)
Allocation for FY 2006	297
Allocation for FY 2007	200
Balance to Complete after FY 2007	1,883
Benefit to Cost Ratio Applicable rate (____%)	NA
Benefit to Cost Ratio at 7%	NA
Remaining Benefits Remaining Costs Ratio at 7%	NA

FY 2007 ACTIVITIES: Funds provided in FY 2007 will be used to complete Phase I, which will identify 1 – 3 reservoirs for detailed reallocation studies, and update the project management plan for Phase II.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2010.

OTHER INFORMATION: The study is included as a water strategy in the State of Texas 2007 Water Plan to meet the water supply needs of the region through 2060.

ADMINISTRATION POSITION: Consistent with Administration policy.

CONGRESSIONAL INTEREST: McCaul, TX-10; Conaway, TX-11; Granger, TX-12; Thornberry, TX-13; Edwards, TX-17; Neugebauer, TX-19; Carter, TX-31

DISTRICT: Fort Worth District

Date: 2 April 2007

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# CONSTRUCTION

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Infrastructure

PROJECT/STUDY NAME: Lawton, Oklahoma, Waste Water Infrastructure Rehabilitation Project

AUTHORIZATION: Section 219(f)(40), Water Resources Development Act of 1992 as amended.

LOCATION: City of Lawton, Oklahoma

DESCRIPTION: The project consists of constructing wastewater infrastructure for the city of Lawton, Oklahoma.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$ 2,138
Estimated Non-Federal Cost	713
Cash	(0)
Other	(0)
Total Estimated Cost	\$ 2,851
Allocations thru FY 2004	\$ 7
Allocation for FY 2005	503
Allocation for FY 2006	-6
Allocation for FY 2007	700
Balance to Complete after FY 2006	934
Benefit to Cost Ratio Applicable rate	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Complete NEPA coordination and draft the Project Cooperation Agreement (PCA).

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: PED complete during FY 2009.

OTHER INFORMATION: PCA is in draft form and will be submitted in the 4<sup>th</sup> quarter of FY 2007. FY2007 allocation is partial payback for previous FY revocation. Remaining payback of \$585,000 is left to restore all revoked funds.

ADMINISTRATION POSITION: Does not support project

CONGRESSIONAL INTEREST: Senator Inhofe, OK; Congressman Cole, OK-4.

DISTRICT: Tulsa

Date: 28 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

**BUSINESS PROGRAM:** Environmental Infrastructure

**PROJECT/STUDY NAME:** Red River Chloride Control Project, Texas & Oklahoma

**AUTHORIZATION:** Section 1107, of the Water Resources Development Act (WRDA) 1986.

**LOCATION:** The Red River Basin Chloride Control project is located in northwest Texas and southwest Oklahoma.

**DESCRIPTION:** The project is designed to control natural chloride brine emissions at four major source areas to improve water quality for municipal, industrial, and agricultural use. Improvements include construction of a low flow dams, pump stations, and diversion pipelines to impoundment facilities.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000)	
	<u>Wichita Basin Construction</u>	<u>Area VI Construction</u>
Estimated Federal Cost	\$ 70,562	\$ 50,000
Estimated Non-Federal Cost	0	0
Total Estimated Cost	\$ 70,562	\$ 50,000
Allocation thru FY 2004	\$ 10,202	\$ 0
Allocation for FY 2005	1,332	0
Allocation for FY 2006	1,068	375
Allocation for FY 2007	625	675
Balance to Complete after FY 2006	57,335	48,950
Benefit to Cost Ratio Applicable rate	N/A	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A	N/A

**FY 2007 ACTIVITIES:** FY 2007 efforts include continuing final design efforts (including plans and specifications for Area VII) and continued environmental monitoring for the Wichita River Basin, Texas, element of the project. In addition, reevaluation efforts are continued for the Area VI element of the project.

**EARLIEST ATTAINABLE COMPLETION FY FOR PHASE:** The earliest attainable completion of construction for the Wichita Basin portion of the project is FY 2012.

**OTHER INFORMATION:** The current policy requires identification of a non-Federal sponsor willing to assume operation, maintenance, repair, rehabilitation, and replacement (OMRR&R) for the project prior to initiation of construction. Sufficient design has been completed for initiation of real estate acquisition and award of the first construction contract. However, until a non-Federal sponsor is identified, construction can not proceed.

**ADMINISTRATION POSITION:** Inconsistent with policy since a non-Federal sponsor has not been identified for OMRR&R. Removal of chlorides has been identified as a low budget priority.

**CONGRESSIONAL INTEREST:** Senators Inhofe and Coburn, OK, Hutchison and Cornyn, TX, Landrieu, LA, and Pryor, AR; and Congressmen Thornberry, TX-13, Sandlin, TX-1, Hall, TX-4, McCrery, LA-4, and Ross, AR-4.

**DISTRICT:** Tulsa

Date: 29 March 2007

FACT SHEET  
CONSTRUCTION  
Enacted Studies and Projects

BUSINESS PROGRAM: Environment Infrastructure

PROJECT/STUDY NAME: Tar Creek Cleanup, Oklahoma (Restoration of Tar Creek and Vicinity)

AUTHORIZATION: Section 111, Energy and Water Development Appropriation Act of 2004 (PL 108-137).

LOCATION: Tar Creek is located in Ottawa County, Oklahoma

DESCRIPTION: The authorization for Tar Creek provides technical, planning, design and construction assistance to non-Federal interests to remedy adverse environmental and human health impacts in Ottawa County, Oklahoma. In providing assistance, the Secretary shall coordinate with the State, Tribal and local interests. The Secretary may undertake implementation of such activities as the Secretary determines to be necessary or advisable to demonstrate practicable alternatives, such activities shall include measures to address lead exposure and other environmental problems related to historical mining activities in the area.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	FY 2007 (\$000) <u>Construction</u>
Estimated Federal Cost	\$15,000
Estimated Non-Federal Cost	0
Total Estimated Project Cost	15,000
Allocation thru FY 2004	4,966
Allocation for FY 2005	1,332
Allocation for FY 2006	3,414
Allocation for FY 2007	300
Balance to Complete After FY 2007	0
Benefit to Cost Ratio Applicable rate	N/A
Remaining Benefits Remaining Costs Ratio (7%)	N/A

FY 2007 ACTIVITIES: Funds will be provided to the State of Oklahoma via a grant to aid in removal of structures following relocation of homeowners.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: The earliest attainable completion date is FY 2007.

OTHER INFORMATION: Section 111 provides authority to the Corps to implement projects determined by the Secretary to be necessary to address lead exposure, and other environmental problems related to historical mining activities in the area. Non-Federal interests are responsible for providing any necessary lands, easements or rights-of-way and are responsible for operating and maintaining any restoration alternatives constructed. All other costs shall be borne by the Federal Government. FY07 activities will complete Corps participation.

ADMINISTRATION POSITION: Inconsistent with Administration policy.

CONGRESSIONAL INTEREST: Senator Inhofe (OK)

DISTRICT: Tulsa



RESEARCH AND DEVELOPMENT  
ENACTED FACT SHEETS, FY 2008

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# FLOOD AND COASTAL STORM DAMAGE REDUCTION

# INVESTIGATIONS

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM(S): Flood and Coastal Storm Damage Reduction

PROGRAM NAME: Coastal Field Data Collection: *Coastal Data Information Program (CDIP)*

AUTHORIZATION: The basic authority is 33 USC 426 which originated in the river and harbor Act of 1930. 33 USC 426a originated with the River and Harbor Act of 1945.

LOCATION: Southern California

DESCRIPTION: CDIP, a program of the University of California, San Diego, Scripps Institution of Oceanography (SIO), continues a 30 year cooperative effort to measure, model, and forecast shallow-water waves along the entire U.S. West Coast, Florida, the Hawaiian Islands and Guam. Activities within California are cost-shared with the State of California. CDIP's website is accessed by an average of 80,000 users per day including the military, lifeguards, coastal engineers, boaters, fishermen, harbor masters, divers and surfers. Federal agencies benefit enormously from the program. CDIP data and information are used in real time by 1) Navy for national defense operations, 2) Homeland security operations by the U.S. Coast Guard, 3) ongoing operations of USACE (including contract monitoring), 4) the National Weather Service to issue sea state and surf warnings, and to protect life and property, 5) State agencies involved with local emergency operations, 6) the U.S. Geological Survey who conducts research on coastal erosion issues and 7) some 300 private sector firms who depend on these data for commercial operations. Local governments use CDIP information to protect and enhance local beaches.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
FY 05 Appropriation	\$750
FY 06 Appropriation	\$500
FY 07 Work Plan Allocation	\$637
Balance to Complete after FY 07	NA

FY 2007 ACTIVITIES: Continued measuring, modeling and forecasting waves at 24 sites along the US West Coast, Florida, the Hawaiian Islands and Guam. Expand the program to one additional site in Florida and begin discussions with partners for other locations (Alaska; US East Coast). CDIP data combined with beach data collected under the Southern California Beach Processes (SCBPS) activity will be used to make sediment management decisions.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: CDIP and its parent activity, *Field Wave Gauging*, are important parts of the Corp's contribution to the multi-agency *Integrated Ocean Observing System (IOOS)* as recommended in the Administration's Ocean Action Plan. There is no similar effort within the United States Government. Because this is a long-term, environmental monitoring and data gathering activity, it is unlike most Corps projects, which have start and end dates, and contractual requirements. A break in funding will insert a gap in a 30 year climatic data set that could never be replaced and which will affect the safety and well being of numerous users who depend on this popular effort.

ADMINISTRATIVE POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senator Feinstein (D-CA) and Senator Boxer (D-CA)

DISTRICT: Engineer Research and Development Center in coordination with the Los Angeles District.

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM(S): Flood and Coastal Storm Damage Reduction

PROGRAM NAME: Coastal Field Data Collection: *Pacific Island Land Ocean Typhoon Experiment Program (PILOT)*

AUTHORIZATION: The basic authority is 33 USC 426 which originated in the river and harbor Act of 1930. 33 USC 426a originated with the River and Harbor Act of 1945.

LOCATION: Hawaii and Guam

DESCRIPTION: Since tropical cyclones affect islands differently than the continental United States, existing forecast models, intensity scales, and design tools are inappropriate or unproven for use in the islands. The PILOT experiment seeks to collect cross-reef and cross-island wind, wave, and water level data during hurricane and typhoon passage. These data will be used by the *Surge & Wave Island Modeling Studies (SWIMS)* activity in the evaluation of existing numerical models and in the development of the next generation predictive models of typhoon conditions. PILOT specifically addresses requirements developed by the FEMA/Corps' *Island Task Force*. The State of Hawaii Office of Civil Defense is a strong supporter of this effort and has been briefed on the progress of this program.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
FY 05 Appropriation	\$750
FY 06 Appropriation	\$650
FY 07 Work Plan Allocation	\$625
Balance to Complete after FY 07	NA

FY 2007 ACTIVITIES: Measurements continued at two sites: Mokuleia in Hawaii and Ipan on the island of Guam. Data acquired during passage of typhoon Kong-Rey will be processed and analyzed. More extended field studies on wave transformation over reefs are planned for the Hawaii field site done in collaboration with the University of Hawaii as part of an on-going university initiative. A separate study to derive low-level wind fields during typhoons using Guam NWS radar data with the University of Hawaii continues.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: The PILOT program has been congressionally directed and funds appropriated annually since 2003. Though focused on typhoon impacts, some observations, like the real-time wave measurements, are of long-term value to island populations, USACE, and local government. These are being used and a USACE contribution to the interagency Integrated Ocean Observing System (IOOS) activity in the Pacific, as defined in the administration's Ocean Action Plan.

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Senator Inouye (D-HI)

DISTRICT: Engineer Research and Development Center in coordination with the Honolulu District.

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

STUDY NAME: Coastal Field Data Collection: *Southern California Beach Processes Study (SCBPS)*

AUTHORIZATION: The basic authority is 33 USC 426 which originated in the river and harbor Act of 1930. 33 USC 426a originated with the River and Harbor Act of 1945.

LOCATION: Southern California

DESCRIPTION: Planning for shoreline protection, beach and channel maintenance, dredging and related engineering activities requires an understanding of coastal processes and sediment resources over regions extending tens of miles up and down coast. In the *Southern California Beach Processes Study (SCBPS)*, coastal processes are monitored along a 120-mile-long region extending from the Mexican border to Long Beach. Though environmentally and economically important, there are few data that document long-, and short-term changes to this area. The study is conducted by the U.C. San Diego, Scripps Institution of Oceanography (SIO). SCBPS monitoring involves airborne LIDAR to systematically and rapidly map beach and cliff changes. These data are combined with wave data collected by the Coastal Data Information Program (CDIP) to analyze process/response relationships. SCBPS complements the Corps Regional Sediment Management research program and contributes to the National Coastal Mapping Program of the interagency Integrated Ocean Observing System (IOOS).

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
FY 05 Appropriation	\$750
FY 06 Appropriation	\$650
FY 07 Work Plan Allocation	\$715
Balance to Complete after FY 07	NA

FY 2007 ACTIVITIES: Continued mapping 120 miles of coastal Southern California twice per year using airborne LIDAR technology. At certain focus areas, in-situ surveys using gps-equipped all terrain vehicles and Jet skis are also performed. Collected data, combined with CDIP data will be used to make sediment management decisions within the study area (11 USACE projects), and to develop analysis tools. Complementary to the National Coastal Mapping Program, SCBPS will disseminate the LIDAR data in compatible formats to the USACE, NOAA/CSC and USGS.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: This study has been congressionally directed and funds appropriated annually since 2002.

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Senator Feinstein (D-CA) and Senator Boxer (D-CA)

DISTRICT: Engineer Research and Development Center in coordination with the Los Angeles District.

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM(S): Flood and Coastal Storm Damage Reduction

PROGRAM NAME: Coastal Field Data Collection: *Surge Wave Island Modeling Studies (SWIMS)*

AUTHORIZATION: The basic authority is 33 USC 426 which originated in the river and harbor Act of 1930. 33 USC 426a originated with the River and Harbor Act of 1945.

LOCATION: Hawaii

DESCRIPTION: SWIMS is developing a next generation numerical model appropriate for typhoon surge simulation and forecast in the islands. Typically, islands are mountainous with narrow coasts and a reef shield that offers protection from storm waves. However, typhoons can greatly raise water levels and waves resulting in coastal inundation, damage, and loss of life. Existing storm surge models, which have shown predictive skill for the continental United States, do not work in these island environments. Methodologies for analyzing typhoon inundation of island coasts, have not received attention commensurate with their importance and complexity of the processes. A next generation island coastal storm surge and wave model will be developed based on observations collected under the *Pacific Island Land Ocean Typhoon (PILOT)* program activity. The model will also be applied and evaluated for longer, irregular reaches of coastline, using coastal inundation data on Kauai after Hurricane Iniki, and with data from physical hydraulic model tests of island inundation.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
FY 05 Appropriation	\$750
FY 06 Appropriation	\$750
FY 07 Work Plan Allocation	\$550
Balance to Complete after FY 07	NA

FY 2007 ACTIVITIES: FY07 is the third year of funding for this effort. Funds were used to further adapt and test advanced numerical models for wave transformation from deep water to island shores with fringing reef coasts. Models were tested with data recently gathered from high-wave events on Oahu and Guam and with additional laboratory-generated wave data. A special laboratory experiment was conducted to evaluate the importance of local tropical storm winds on coastal inundation in a fringing reef environment. Numerical models used in previous coastal inundation studies were packaged and delivered to a select user group in Hawaii and Guam for initial trials. The package will be upgraded in the future as SWIMS model technology matures.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: The SWIMS program has been congressionally directed and funds appropriated annually since FY 2005.

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Senator Inouye (D-HI)

DISTRICT: Engineer Research and Development Center in coordination with the Honolulu District

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROGRAM NAME: Research and Development: *Collaborative Planning and Management Demonstration Programs*

AUTHORIZATION: Authorization for USACE to conduct R&D is codified in 10 U.S.C. 2358.

LOCATION: Multiple locations including VA, NM, MN, upper Great Lakes, and western states

DESCRIPTION: The National Cooperative Modeling & Collaborative Planning and Management Demonstration Programs work together to develop test and demonstrate collaborative modeling tools and concepts.

SUMMARIZED FINANCIAL DATA (\$000):

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
Allocation thru FY 05	\$0
Allocation for FY 06	\$375
Allocation for FY 07	\$375
Balance to Complete after FY 07	NA

FY07 ACTIVITIES:

- Development of a Collaborative Planning Toolkit geared to Corps Districts, state and local governments) for using collaborative planning tools and techniques.
- Establishment of Performance measures for Computer Aided Dispute Resolution methods.
- Additional training for and vetting by Corps, State, other federal and nonprofit professionals.
- More detailed development of economic and ecological interactions, more stakeholder interaction with the model and with policy options in the Willamette, Rio Grande, Mississippi Headwaters, and Bear River demonstrations.
- Additional modeling/analysis in the James 404 case or export of reconnaissance level study ideas to other 404 cases.
- Development of the “wrappers” for ERDC and HEC tools (in the Willamette).
- Generalization of tools and methodologies to support state water planning (e.g. Georgia).
- Additional demonstrations to address energy-water interactions, navigation issues, and infrastructure rehabilitation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: In addition to R&D funding, IWR receives funds from MVP, SWT, LRB, Intl Joint Commission, and CaDWR to support collaborative modeling activities; in many of these studies R&D funds are leveraged with study funds to test ideas and methods in real-world applications to multiply the scale and impact of R&D funds.

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Senator Domenici (R-NM)

DISTRICT: Institute for Water Resources (IWR) and the Engineer Research and Development center (ERDC).



FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROGRAM NAME: Research and Development: *National Cooperative Modeling Program*

AUTHORIZATION: Authorization for USACE to conduct R&D is codified in 10 U.S.C. 2358.

LOCATION: Multiple locations including VA, NM, MN, upper Great Lakes, and western states

DESCRIPTION: The National Cooperative Modeling & Collaborative Planning and Management Demonstration Programs work together to develop test and demonstrate collaborative modeling tools and concepts.

SUMMARIZED FINANCIAL DATA:

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
Allocation thru FY 05	\$0
Allocation for FY 06	\$500
Allocation for FY 07	\$500
Balance to Complete after FY 07	NA

FY07 ACTIVITIES:

- Development of a Collaborative Planning Toolkit geared to Corps Districts, state and local governments) for using collaborative planning tools and techniques.
- Establishment of Performance measures for Computer Aided Dispute Resolution methods.
- Additional training for and vetting by Corps, State, other federal and nonprofit professionals.
- More detailed development of economic and ecological interactions, more stakeholder interaction with the model and with policy options in the Willamette, Rio Grande, Mississippi Headwaters, and Bear River demonstrations.
- Additional modeling/analysis in the James 404 case or export of reconnaissance level study ideas to other 404 cases.
- Development of the “wrappers” for ERDC and HEC tools (in the Willamette).
- Generalization of tools and methodologies to support state water planning (e.g. Georgia).
- Additional demonstrations to address energy-water interactions, navigation issues, and infrastructure rehabilitation.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2007

OTHER INFORMATION: In addition to R&D funding, IWR receives funds from MVP, SWT, LRB, Intl Joint Commission, and CaDWR to support collaborative modeling activities; in many of these studies R&D funds are leveraged with study funds to test ideas and methods in real-world applications to multiply the scale and impact of R&D funds.

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Senator Domenici (R-NM)

DISTRICT: Institute for Water Resources (IWR) and the Engineer Research and Development center (ERDC).

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood and Coastal Storm Damage Reduction

PROGRAM NAME: Research and Development: *Southwest Urban Flood Damage and Demonstration Program*

AUTHORIZATION: Authorization has been in Annual Appropriations Acts.

LOCATION: New Mexico

DESCRIPTION: .The program purpose is to develop and demonstrate innovative techniques to address severe urban flooding and channel restoration issues, and is a collaborative effort between the Corps of Engineers, the University of New Mexico, and the Sandia National Laboratories.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
Allocation through FY 04	\$0
Allocation for FY 05	\$0
Allocation for FY 06	\$375
FY 07 Work Plan Allocation	\$375
Balance to Complete after FY 07	NA

FY2007 ACTIVITIES:

The following are representative of the FY 2007 funded activities, and are focused largely on the Middle Rio Grande:

- state of flood-related and sediment modeling along the Middle Rio Grande
- University of New Mexico seminar series on the Rio Grande
- investigation of groundwater – surface water interactions at the Middle Rio Grande Bosque Diversion Dam
- relation of bosque restoration to evapotranspiration and groundwater flow fields
- bank erosion monitoring
- comparison of multi-dimensional sediment transport model capabilities for the Middle Rio Grande
- comparison of changes in channel width and sand bar development to average and peak flows

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: This program was initiated in FY06 and is similar to the ongoing Technology Demonstrations for urban flooding in Nevada.

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Senator Domenici (R-NM)

DISTRICT: Engineer Research and Development Center and SPD (SPA, SPL, and SPK)

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Flood & Coastal Storm Damage Reduction

PROGRAM NAME: Research and Development: *Technology Demonstrations for urban flooding in Nevada*

AUTHORIZATION: Authorization has been in Annual Appropriations Acts.

LOCATION: Nevada

DESCRIPTION: The program purpose is to develop and demonstrate innovative techniques to address severe urban flooding and channel restoration issues that are unique to the arid and semi-arid regions of the southwestern United States. The program is a collaborative effort between the Corps of Engineers, the Desert Research Institute of Nevada, and the University of New Mexico. Topics have been selected with input from the Corps field personnel, along with state and local stakeholders.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
Allocation Through FY 04	\$3,000
Allocation for FY 05	\$2,000
Allocation for FY 06	\$1,750
FY 07 Work Plan Allocation	\$1,750
Balance to Complete after FY 07	NA

FY2007 ACTIVITIES:

- Lower Truckee River (including McCarran Ranch): studies of denitrification, macroinvertebrate habitat and hydrodynamics, long-term channel stability
- Las Vegas and Las Vegas Wash: sources and transport of suspended sediment, nutrients and metals in sediments, infiltration rates for alluvial fan materials
- wildfire effects on soil infiltration
- guidance on sediment transport analyses for stream restoration projects
- impacts of gravel mining on channel stability
- extension of design guidance for supercritical flood control channels
- regional curves for estimation of short-duration volume-frequency relations in arid and semi-arid watersheds

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: This program was initiated in FY03 and is similar to the Southwest Urban Flood Damage and Demonstration Program (initiated in FY06 for New Mexico only).

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Senator Reid (D-NV) and Senator Domenici (R-NM)

DISTRICT: Engineer Research and Development Center and SPD (SPL, SPA, and SPK)

# CONSTRUCTION

FACT SHEET  
Construction (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM(S): Flood and Coastal Storm Damage Reduction

PROJECT NAME: Shoreline Erosion Control

AUTHORIZATION: (Expired) Section 227, Water Resources and Development Act of 1996

LOCATION: Nation-wide.

DESCRIPTION: The Shoreline Erosion Control Development and Demonstration Program is an applied research effort by the Corps of Engineer's Engineer Research and Development Center (ERDC). Its emphasis is on evaluation of innovative or nontraditional approaches to minimize coastal erosion and to improve shoreline sediment retention. The program maintains a minimum of two project sites on the Atlantic coast, two on the Pacific coast, two on the Great Lakes, and one in the Gulf of Mexico.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	NA
FY 05 Appropriation	\$7,000
FY 06 Appropriation	\$2,850
FY 07 Work Plan Allocation	\$0
Balance to Complete after FY 07	NA

FY 2007 ACTIVITIES: Execution of the program in FY2007 has been delayed until authority is granted or extended.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: None

ADMINISTRATIVE POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senator Lautenberg (D-NJ), Senator Bill Nelson (D-FL), Senator Martinez (R-FL), Senator Inouye (D-HI), Senator Akaka (D-HI), and Rep. Abercrombie (D-1-HI)

DISTRICT: Engineer Research and Development Center

# COMMERCIAL NAVIGATION

# OPERATION AND MAINTENANCE

FACT SHEET  
O&M (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROGRAM: Regional Sediment Management: *Coastal Zone Mapping & Imaging Lidar (CZMIL)*

AUTHORIZATION: Section 516, WRDA 1996

LOCATION: National use, with development and program mgt in southern Mississippi

DESCRIPTION: Program is to develop watershed scale data for regional management of O&M Federal projects nationwide; will be executed from southern portion of the State of Mississippi. The CZMIL program portion of the National Coastal Mapping Program will develop a new integrated sensor capability to measure and monitor coastal zone engineering, environmental, and economic conditions on a regional scale. Research efforts contributing to the new integrated sensor and accompanying data processing system are supported by the Univ of Southern Mississippi's Marine Science Department, SSC, and the sensor is being developed by Optech International.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	\$29,000
Estimated Non-Federal Cost	\$0
Total Estimated Project Cost	\$29,000
Allocation thru FY05	\$0
FY 06 Appropriation	\$4,500
FY 07 Work Plan Allocation	\$2,635
Balance to Complete after FY 07	\$21,865

FY 2007 ACTIVITIES:

1. Evaluate existing data fusion processor to evolve it into CZMIL production software.
2. Evaluate existing JALBTCX production flow to optimize COTS software modules.
3. Evaluate the proposed receiver to prepare for the detailed design.
4. Investigate laser and optics hardware and prepare for the detailed design.
5. Refine scanner concepts and prepare recommendations for the detailed design.
6. Refine spectral imaging subsystem and prepare for detailed design.
7. Revise conceptual design report for hardware and software for detailed design.
8. Create lab infrastructure (equip & people) at Optech, Kiln & USM Stennis Campus.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 2011

OTHER INFORMATION: CZMIL funding will move to National Coastal Mapping Pgm remaining item in the FY08 budget, otherwise, no issues or mods as project is on schedule and budget.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senators Cochran & Lott, Congressman Taylor (MS-4-D)

DISTRICT: Mobile District (AL) and the Engineer Research and Development Center (ERDC)

Date: 04/03/07



FACT SHEET  
O&M (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROGRAM: Regional Sediment Management: *Littoral Drift Restoration, Washington*

AUTHORIZATION: Section 516, WRDA 1996

LOCATION: Southwest Washington

DESCRIPTION: Returning sand to the littoral drift of southwest Washington is intended to provide sand to eroding shorelines within the Mouth of the Columbia River (MCR) littoral cell. Benson Beach was selected as a potential disposal area because it has experienced a high rate of erosion in recent years. The State of Washington, Pacific County and local stakeholders have been actively involved including funding the incremental cost of a demonstration project under the MCR Channel Maintenance Project in 2002. The purpose is to complete a larger demonstration to monitor the ultimate fate of the sand.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>Study</u>
Estimated Federal Cost	TBD
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	TBD
Allocation for FY 2005	\$1,000
Allocation for FY 2006	\$500
Allocation for FY 2007	\$574
Balance to Complete after FY 07	TBD

FY 2007 ACTIVITIES: HQ confirms that Congressional authorization is required for 100% Federal cost for placement. \$1.4 million of added FY06 funds have been carried over until authority is provided for placement, including authority to use previously provided RSM funds for this placement. Current work activity is completing environmental clearances for a potential placement of 500,000 cyds of sand using a hopper dredge direct pump-out method. Estimates are \$2.9 million incremental cost for a one time placement and \$500,000 for monitoring. The Lower Columbia Solutions Group has scheduled a Regional Sediment Planning forum for June. Funded by the State of Washington, it will address regional sand management technical and policy issues for the SW Washington Littoral area.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: \$1,000,000 (\$949,000 after savings and slippage) was earmarked in Conference language for SW Washington Littoral Drift Restoration Project in FY05. \$375,000 was provided to Portland District, with the balance of \$574,000 to remain available for future work. The balance is restored in the FY07 work plan.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Representatives Baird (WA-3) and Dicks (WA-6); and Senators Cantwell and Murray (WA).

DISTRICT: PORTLAND DISTRICT, Portland, OR

Date: 04/03/07

FACT SHEET  
O&M (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Navigation

PROJECT/STUDY NAME: Regional Sediment Management (RSM): *Southeast Coast of Oahu*

AUTHORIZATION: Section 516, WRDA 1996

LOCATION: The initial study area is located in Southeast Oahu, Hawaii, along approximately 12 miles of Pacific Ocean shoreline extending from Mokapu Point to the north and Makapuu Point to the south.

DESCRIPTION: RSM activities conduct coastal engineering investigations and computer modeling to (1) document long-term trends in wave climate, (2) develop a regional sediment budget and a geographic information system for three littoral cells within the region, (3) identify suitable sand sources, and (4) develop/calibrate a sediment transport model for the southeast coast of Oahu, Hawaii. Final products include a sand source inventory, a regional sediment budget, a web-enabled GIS platform and a Southeast Oahu regional sediment management plan.

<u>SUMMARIZED FINANCIAL DATA (\$000)</u>	<u>FY2007 Study</u>
Estimated Federal Cost	\$1,400
Estimated Non-Federal Cost	\$0
Total Estimated Project Cost	\$1,400
Allocation thru FY04	\$0
Allocation for FY 05	\$500
Allocation for FY 06	\$400
Allocation for FY 07	\$100
Balance to Complete after FY 07	\$400

FY 2007 ACTIVITIES: Funds in the amount of \$100,000 in FY07 are to be used to continue coastal engineering investigations and computer modeling in Southeast Oahu to (1) develop conceptual plans for potential demonstration projects at Kaiona/Kaupo beaches, Bellows Air Force Station, Lanikai and Ka'elepulu Stream, (2) coordinate study findings with stakeholders as they pertain to the site specific potential demonstration projects, (3) refine the Southeast Oahu regional sediment budget and (4) update the Southeast Oahu RSM Plan to incorporate FY07 findings and work items. Funds would also be used to initiate RSM technical investigations, coordination, and documentation for another region within the state of Hawaii.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: 20 September 2008

OTHER INFORMATION: Shoreline erosion threatens upland development and coastal habitat along much of the Hawaii shoreline. In prior funded activities, Southeast Oahu, the shoreline along the community of Lanikai (located in the central portion of the region) has lost most, if not all, of the dry beach width that historically provided a buffer to the impacts of storm waves and offered unique recreation opportunities. This investigation will further the understanding the dynamics of the complex coastal processes at work and promote the development of long-term strategies for sediment management in other problem regions in Hawaii. This project has

received strong endorsement from the State of Hawaii Department of Land and Natural Resources as furthering the state of knowledge of coastal processes in Hawaii.

ADMINISTRATION POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senator Daniel Inouye (D-HI)

DISTRICT: HONOLULU DISTRICT, Honolulu, HI and the Engineer Research and Development Center (ERDC)

Date: 04/03/07

# ENVIRONMENT

# INVESTIGATIONS

FACT SHEET  
Investigations (Remaining Items)  
Enacted Studies and Projects

BUSINESS PROGRAM: Environmental Restoration

PROGRAM NAME: Research and Development: *Advanced Polymer technologies compliance activities*

AUTHORIZATION: FY06 Energy and Water Development Appropriations

LOCATION: Texas

DESCRIPTION: The ERDC Paint Technology Center is testing and demonstrating environmentally sensitive alternative protective coating products. Coatings being evaluated are new generation materials that are applied by thermal spray having no solvents. Coatings are being developed in an industry laboratory in Texas and chemical and environmental testing is conducted at the Corps of Engineers laboratory in Illinois. A field demonstration is planned on the Arkansas River this summer.

SUMMARIZED FINANCIAL DATA (\$000)

Estimated Federal Cost	NA
Estimated Non-Federal Cost	NA
Total Estimated Project Cost	\$500
Allocation through FY 04	\$0
Allocation for FY 05	\$0
Allocation for FY 06	\$500
FY 07 Work Plan Allocation	\$0
Balance to Complete after FY 07	\$0

FY2007 ACTIVITIES: Continued monitoring of the field demonstration.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: FY 07

OTHER INFORMATION: None.

ADMINISTRATIVE POSITION: Consistent with Administration policy with low budget priority.

CONGRESSIONAL INTEREST: Rep. Sheila Jackson-Lee (D-TX)

DISTRICT: Engineer Research and Development Center (ERDC)

FY 07 FACT SHEET  
General Investigations (Miscellaneous)  
Enacted Studies and Projects

BUSINESS PROGRAM(S): Environmental/Ecosystem Restoration

PROGRAM NAME: Research and Development: *Submerged Aquatic Vegetation Restoration Research (SAV)*

AUTHORIZATION: Authorization USACE to conduct R&D is codified in 10 U.S.C. 2358

LOCATION: Chesapeake Bay (Maryland and Virginia)

DESCRIPTION: This research and development (R&D) project is located in Chesapeake Bay, but has a strong potential for national application. Submerged aquatic vegetation (SAV) performs many valuable ecosystem services, and is widely recognized as critical habitat for many important fisheries species. SAV planting remains an extremely labor-intensive and costly endeavor, with a variable track record of success. The demonstrations accomplished under this program will contribute to improved success rates and predictability for submerged aquatic vegetation (SAV) restoration projects, not only in the Chesapeake Bay region, but also in other areas that have experienced loss of SAV habitat.

SUMMARIZED FINANCIAL DATA (\$000)

Total Estimated Project Cost	NA
FY 05 Appropriation	\$1,000,000
FY 06 Appropriation	\$500,000
FY 07 Work Plan Allocation	\$500,000
Balance to Complete after FY 07	NA

FY2007 ACTIVITIES:

- Factors affecting seedling establishment of *Ruppia maritima* and *Potamogeton perfoliatus* --- Anne Arundel Community College/ERDC
- Production and Field Planting of Vegetative Tubers for Restoration of Redhead Grass and Sago Pondweed in Chesapeake Bay--- University of Maryland/ERDC
- Seagrass Habitat Engineering: Defining the Needed Balance in Wave Attenuation -- University of Maryland/ERDC
- Development of Techniques for the Use of Seeds in the Large Scale Propagation and Restoration of Low Salinity SAV --- Virginia Institute of Marine Science/ERDC
- Technology Development for Achieving Critical Thresholds in Large Scale SAV Restoration --- Virginia Institute of Marine Science/ERDC

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: This effort is being planned and coordinated as part of a comprehensive, multi-level approach involving numerous federal, state, local, and private partners and stakeholders in the Chesapeake Bay region, and is consistent with the goals and objectives identified in the Chesapeake Bay Program's "Strategy to Accelerate the Protection and Restoration of Submerged Aquatic Vegetation in the Chesapeake Bay". The major benefits include improvements in ecosystem health and functions, and increased habitat availability for critical fisheries resources. State-of-the-art technical standards and guidance for planning, implementation, and monitoring of SAV restoration projects will provide managers with the necessary tools to help meet targeted SAV restoration goals.

ADMINISTRATIVE POSITION: Consistent with Administration policy but low budget priority.

CONGRESSIONAL INTEREST: Senators Mikulski (MD) Warner (VA), & Arlen Specter (PA)

DISTRICT: Engineer Research and Development Center, and Norfolk and Baltimore Districts

# CONSTRUCTION



FACT SHEET  
Construction (Miscellaneous)  
Enacted Studies and Projects

BUSINESS PROGRAM(S): Environment (Restoration, Stewardship), Navigation, Hydropower, Flood Damage Reduction, Water Supply, and Recreation

PROJECT NAME: Aquatic Plant Control Program

AUTHORIZATION: Section 104 of the River and Harbor Act of 1958, (P.L. 85-500), as amended by Section 104 of the River and Harbor Act of 1962, (P.L. 87-874), Section 302 of the River and Harbor Act of 1965 (P.L. 89-298), Section 610 of the River and Harbor Act of 1983 (P.L. 98-63), and Sections 103, 105, and 941 of the Water Resources Development Act of 1986 (P.L. 99-662), Section 225 of the Water Resource Development Act of 1996, and Section 205 of the Water Resources Development Act of 1999.

LOCATION: The Aquatic Plant Control (APC) Program is a nationwide comprehensive program authorized to provide for the control of invasive aquatic plants and continued research for the development of effective and economic control capabilities.

DESCRIPTION: The Aquatic Plant Control Research Program (APCRP) is the nation's only federally authorized research program providing the technology to manage invasive aquatic plant species. This program will continue research on the biology, ecology, and management of invasive aquatic plants, developing biological, chemical, ecological, and integrated control methods. Research efforts will focus on the further development of ecologically based, integrated plant management strategies for invasive aquatic plants. In addition, efforts will focus on replacing problem aquatic plants with native species, providing much-improved aquatic habitat for fish and wildlife.

SUMMARIZED FINANCIAL DATA

Estimated Federal Cost	\$15,000,000
Estimated Non-Federal Cost	\$7,500,000
Total Estimated Project Cost	\$22,500,000
FY 05 Appropriation	\$4,500,000
FY 06 Appropriation	\$4,000,000
FY 07 Work Plan Allocation	\$4,000,000
Balance to Complete after FY 07	NA

FY 2007 ACTIVITIES: \$3,480,000 will be used for continued research efforts conducted by the APCRP for further development of ecologically based, integrated plant management strategies for invasive aquatic plants (i.e., Eurasian watermilfoil, hydrilla, etc); control technologies for preventing the initial introduction and spread of invasive aquatic plant species over large acreages; replacing problem invasive aquatic plants with native species (providing much-improved aquatic habitat for fish and wildlife); and continuing research work on biological and chemical control technologies. \$400,000 will be used for a cost share effort with the State of Vermont. \$85,000 will be used to support a chemical demonstration project for the Pend Oreille River in the State of Washington. \$35,000 will be used for development of environmental documents in support of a chemical demonstration project on the Pend Oreille River in the State of Washington.

EARLIEST ATTAINABLE COMPLETION FY FOR PHASE: NA

OTHER INFORMATION: The APC Program provides a national research program (APCRP) developing, demonstrating, and providing new cost efficient and environmentally friendly tools

and management capabilities that are applied to all waters of the United States, and a 50 per centum cost share of control operations to local interests for the control of invasive aquatic plants.

ADMINISTRATIVE POSITION: The APCRP is consistent with administrative policy. The cost share control of invasive aquatic plant species is not consistent with current administrative policy.

CONGRESSIONAL INTEREST: Senator Patrick J. Leahy (D-VT), Representative Cathy McMorris Rodgers (R-WA), Representative Virgil H. Goode, Jr. (R-VA), Senator Elizabeth Dole (R-NC), Representative Chet Edwards (D-TX), Senator Charles E. Schumer (D-NY), Representative Brian M. Higgins (D-NY), Representative Thomas E. Petri (R-WI).

MSC/DISTRICT: Engineer Research and Development Center, New York District, Seattle District.