



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120-0093
www.phmc.state.pa.us

ES
7/23

June 9, 2005

Andrew Reed, PE
PA Dept. of Environmental Protection
Bureau of Waterways Engineering
3rd Rachel Carson State Office Building
PO Box 8460
Harrisburg, PA 17105-8460

TO EXPEDITE REVIEW USE
BHP REFERENCE NUMBER

Re: File No. ER 2005-2168-039-A
DEP, Dam Permit, Project No. 183-16
City of Titusville Flood Protection
Project, Oil Creek Twp., Crawford Co.

Dear Mr. Reed:

The Bureau for Historic Preservation has reviewed the above named project under the authority of the Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988). This review includes comments on the project's potential effect on both historic and archaeological resources.

There is a high probability that prehistoric and historic archaeological resources are located in this project area. In our opinion, the activity described in your proposal should have no effect on such resources. Should the scope of the project be amended to include additional ground disturbing activity this office should be contacted immediately and a Phase I Archaeological Survey may be necessary to locate all potentially significant archaeological resources.

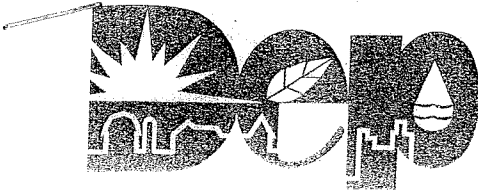
In our opinion no evaluation of historic structures will be necessary for this project area.

If you need further information regarding archaeological survey please contact Chan Funk at (717) 772-0924. If you need further information concerning historic structures please consult Ann Safley at (717) 787-9121.

Sincerely,

Douglas C. McLearn, Chief
Division of Archaeology &
Protection

DCM/lmm



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building

P.O. Box 8460

Harrisburg, PA 17105-8460

May 26, 2005

file 20:03
55
5/27

Bureau of Waterways Engineering

Phone: 717-783-7929

Fax: 717-772-0409

Kurt Carr, Division of Archaeology and Protection
Pennsylvania Historical and Museum Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

Re: DEP File No. C20:03

Dear Mr. Carr:

We have completed a Cultural Resource Notice for the proposed flood protection project for the City of Titusville. Enclosed are the notice, a quad map, project description, three color photographs of the project area, and two plan sheets. Sheet TB-1 is of the dam site and sheet TB-2 is of the entire site including the ponding area behind the dam.

The project consists of constructing a detention dam in Oil Creek Township, Crawford, and County. The dam will be dry except after periods of heavy rainfall, after which the flood waters of Church Run will fill the reservoir area behind the dam for a period of no more than 24 hours. Construction of the dam will result in 1.1 acres of land being disturbed. For the past 80 years the site has been farmed and is now a pasture for grazing cattle. No buildings or structures will be impacted by construction of the dam or by the storage area.

Please review the site for the project's potential impacts to known or probable archeological or historical resources. If you have any questions about the design of the project, contact me at the above telephone number or by e-mail at andreed@state.pa.us, or contact Foster Schaffer at 717-783-7950 or by e-mail at fschaffer@state.pa.us.

Sincerely,

Andrew Reed, P.E.

Project Engineer

Division of Project Design

Enclosures

PNDI Internet Database Search Results

PNDI Search Number: N144271

Search Results For jhartranft@state.pa.us

Search Performed By: Jeffrey Hartranft On 5/17/04 11:34:43 AM

Agency/Organization: PADEP, Bureau of Waterways Engineering

Phone Number: 717-772-5320

Search Parameters: Quad - 417966; North Offset - 2.15; West Offset - 6.8; Acres - 100

Project location center (Latitude): 41.63680

Project location center (Longitude): 79.67478

Project Type: DEP Permits/Obstructions/Encroachments

Print this page using your Internet browser's print function and keep it as a record of your search.

Instructions for DCNR Bureau of Forestry personnel only:

When instructed below to contact the PA Fish and Boat Commission, the US Fish and Wildlife Service or the PA Game Commission, Bureau of Forestry personnel should instead contact Merlin Benner for districts 9-16, 19, 20 or Aura Stauffer for districts 1-8, 17, 18, who will coordinate resolution with those agencies.

When instructed to contact Justin Newell, they should do so.

DEP and Conservation Districts should follow the instructions below when potential conflicts are indicated.

When details are displayed as part of the search result, the element's Scientific Name, Common Name, State Status, Proposed State Status and Number of Occurrences within the Search Area are listed.

Due to the sensitive nature of certain endangered species, species names are not displayed for species under the jurisdiction of the Pennsylvania Fish & Boat Commission and the U.S. Fish & Wildlife Service.

PNDI records indicate the following potential conflicts with ecological resources of special concern within the specified search area:

1 potential conflicts

The Applicant should MAIL a copy of this entire PNDI Search Result (including the Search Number) and a cover letter including a project narrative, acreage to be impacted, how construction/maintenance activity is to be accomplished, township/municipality and county where project resides, USGS 7.5 minute quadrangle with project boundary marked, and quad name on the map to:

**Natural Diversity Section
PA Fish and Boat Commission
Division of Environmental Services
450 Robinson Lane
Bellefonte, PA 16823**

Please mail only one (1) copy of the project review request. Do not fax or email the project information. Allow 30 days for completion of the project review from the date of PFBC receipt of the

project review request. To inquire about the review status of projects previously mailed to PFBC, telephone (814) 359-5113 and provide name, company/agency, telephone number, the projects township/municipality and county location, the PNDI Search Number, and a brief project description.

1 potential Plant conflicts:

POLYGALA INCARNATA - PINK MILKWORT - PE - PE (1)

The person conducting this search should FAX this Receipt, Supplement #1 (if applicable), USGS Topo, and **project narrative** to:

Justin Newell
Department of Conservation and Natural Resources
Bureau of Forestry
P.O. Box 8552
Harrisburg, PA 17105-8552
FAX number: (717) 772-0271

PNDI is a site specific information system, which describes significant natural resources of Pennsylvania. This system includes data descriptive of plant and animal species of special concern, exemplary natural communities and unique geological features. PNDI is a cooperative project of the Department of Conservation and Natural Resources, The Nature Conservancy and the Western Pennsylvania Conservancy. This response represents the most up-to-date summary of the PNDI data files and is valid for 1 year. An absence of recorded information does not necessarily imply actual conditions on-site. A field site survey may reveal previously unreported populations of rare species, their critical habitats, or other unique natural resources.

Legal authority for Pennsylvania's biological resources resides with three administrative agencies. The handout entitled Pennsylvania Biological Resource Management Agencies, outlines which species groups are managed by these agencies. Feel free to contact our office if you have questions concerning this response or the PNDI system, and please refer to the PNDI Search Number at the top of this page in future correspondence concerning this project.

New Search using inches on a Quad

New Search using Latitude and Longitude

PNDI Search Home

PNDI Search Welcome



Commonwealth of Pennsylvania
Pennsylvania Fish and Boat Commission
Division of Environmental Services
450 Robinson Lane
Bellefonte, PA 16823
814-359-5237

SIR # 15501

PA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FOSTER SCHAFFER
RACHEL CARSON STATE OFFICE BUILDING
P.O. BOX 8460
HARRISBURG, PA 17105-8460

**RE: Species Impact Review (SIR) - Rare, Candidate, Threatened and Endangered Species
FLOODWATER DETENTION DAM ON CHURCH RUN
PNDI Search Number (if available): N144271
OIL CREEK Township/Borough, CRAWFORD County, Pennsylvania**

This responds to your inquiry about a Pennsylvania Natural Diversity Inventory (PNDI) Internet Database search "potential conflict" or a threatened and endangered species impact review. These projects are screened for potential conflicts with rare, candidate, threatened or endangered species under Pennsylvania Fish & Boat Commission jurisdiction (fish, reptiles, amphibians, aquatic invertebrates only) using the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files. These species of special concern are listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, and the Pennsylvania Fish & Boat Code (Chapter 75), or the Wildlife Code. The absence of recorded information from our files does not necessarily imply actual conditions on site. Future field investigations could alter this determination. The information contained in our files is routinely updated. A Species Impact Review is valid for one year only.

X ***NO ADVERSE IMPACTS EXPECTED FROM THE PROPOSED PROJECT***

____ Except for occasional transient species, rare, candidate, threatened or endangered species under our jurisdiction are not known to exist in the vicinity of the project area. Therefore, no biological assessment or further consultation is needed with the Commission. Should project plans change, or if additional information on listed or proposed species becomes available, this determination may be reconsidered.


X An element occurrence of a rare, candidate, threatened, or endangered species under our jurisdiction is known from the vicinity of the proposed project. However, given the nature of the proposed project, the immediate location, or the current status of the nearby element occurrence(s), no adverse impacts are expected to the species of special concern.

If you have any questions regarding this review, please contact the biologist indicated below:

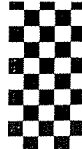
____ Jeff Schmid 814-359-5236 ____ J.R. Holtmaster 814-359-5194
X Kathy Derge 814-359-5186

I am enclosing a copy of our "SIR Request Form", which is to be used for all future species impact review requests. Please make copies of the attached form and use with all future project reviews. Thank you in advance for your cooperation and attention to this important matter of species conservation and habitat protection.

SIGNATURE: _____


Christopher A. Urban
Chief, Natural Diversity Section

DATE: June 1, 2004



52* THIS FORM APPLIES TO PLANTS AND NATURAL COMMUNITIES ONLY

PA NATURAL DIVERSITY INVENTORY
"POTENTIAL CONFLICT" RESPONSE FORM

PNDI SEARCH INFO

PNDI Search # n144271
Search performed by Jeffrey Hartranft
Agency DEP
County Crawford
Township Oil Creek
Applicant info Foster Schaffer
Project name Stream Crossing

BUREAU OF FORESTRY/PNDI COMMENT (s):

X NO IMPACT ON PLANTS OR NATURAL COMMUNITIES ANTICIPATED

The PNDI computer screening revealed hits on species of special concern. Based on the information submitted to us concerning the site we determined that there would be no impact on the species of special concern identified during the screening.

POTENTIAL PLANT OCCURRENCE OR NATURAL COMMUNITY IN PROJECT AREA

Based on our PNDI map review we determined a potential impact to species of special concern that may or may not have been identified during the screening. The following listed species may occur within the project area:

therefore, further coordination with this office is necessary to avoid potential impacts to the above species.

Please provide the following project or habitat information so that a more accurate determination can be made:

A survey for the species listed above should be conducted at the appropriate time of year by a qualified botanist. Note: The following land types provide habitat for the above listed species:

If the land type(s) does not exist on site, a survey will not be necessary. Please contact our office to inform us if the habitat is not present. If the habitat is present, please have the botanist contact us prior to the survey so that we can provide additional information and/or review surveyor qualifications. All PA listed species should be searched for during the site visit. Survey results should be submitted to our office for review and comment. A list of qualified surveyors can be obtained by calling our office.

Comments:

Justin Newell, DCNR/BOF/PNDI, PO Box 8552, Harrisburg, PA 17105
fax 717-772-0271 phone 717-772-0258 c-jnewell@state.pa.us

Signature:

[Handwritten signature]

Date:

5/19/04

PNDI Internet Database Search Results

PNDI Search Number: N176273
Search Results For jhartranft@state.pa.us
Search Performed By: Jeffrey Hartranft On 6/1/05 12:20:35 PM
Agency/Organization: PADEP, Bureau of Waterways Engineering
Phone Number: 717-772-5320
Search Parameters: Quad - 417966 - TITUSVILLE NORTH; Acres - 100
Project location center (Latitude): 41deg. 38min. 20sec.
Project location center (Longitude): 79deg. 40min. 25sec.
Project Type: DEP Permits/Obstructions/Encroachments

Print this page using your Internet browser's print function and keep it as a record of your search.

Instructions for DCNR Bureau of Forestry personnel only:

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When instructed to contact Ellen Shultzabarger, they should do so.

DEP and Conservation Districts should follow the instructions below when potential conflicts are indicated.

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450 Robinson Lane
Bellefonte, PA 16823**

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PNDI Internet Database Search Results

PNDI Search Number: N176267
Search Results For jhartranft@state.pa.us
Search Performed By: Jeffrey Hartranft On 6/1/05 12:12:00 PM
Agency/Organization: PADEP, Bureau of Waterways Engineering
Phone Number: 717-772-5320
Search Parameters: Quad - 417966 - TITUSVILLE NORTH; Acres - 100
Project location center (Latitude): 41deg. 38min. 15sec.
Project location center (Longitude): 79deg. 40min. 33sec.
Project Type: DEP Permits/Obstructions/Encroachments

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established 1866

Pennsylvania Fish & Boat Commission

Division of Environmental Services
Natural Diversity Section
450 Robinson Lane
Bellefonte, PA 16823-9620
(814) 359-5237 Fax: (814) 359-5175

August 10, 2005

IN REPLY REFER TO
SIR # 20361

PA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JEFFREY HARTRANFT
RACHEL CARSON STATE OFFICE BUILDING
PO BOX 8460
HARRISBURG, PA 17105-8460

RECEIVED
05 AUG 11 AM 10:21
WATERWAYS ENGINEERING

RE: Species Impact Review (SIR) - Rare, Candidate, Threatened and Endangered Species
CONSTRUCTING DRY DAM
PNDI Search Number (if available): N176267, N176273
OIL CREEK Township/Borough, CRAWFORD County, Pennsylvania

This responds to your inquiry about a Pennsylvania Natural Diversity Inventory (PNDI) Internet Database search "potential conflict" or a threatened and endangered species impact review. These projects are screened for potential conflicts with rare, candidate, threatened or endangered species under Pennsylvania Fish & Boat Commission jurisdiction (fish, reptiles, amphibians, aquatic invertebrates only) using the Pennsylvania Natural Diversity Inventory (PNDI) database and our own files. These species of special concern are listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, and the Pennsylvania Fish & Boat Code (Chapter 75), or the Wildlife Code. The absence of recorded information from our files does not necessarily imply actual conditions on site. Future field investigations could alter this determination. The information contained in our files is routinely updated. A Species Impact Review is valid for one year only.

X **NO ADVERSE IMPACTS EXPECTED FROM THE PROPOSED PROJECT**

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If you have any questions regarding this review, please contact the biologist indicated below:

____ Jeff Schmid 814-359-5236 ____ J.R. Holtmaster 814-359-5194
X Chris Urban 814-359-5113 ____ Bob Morgan 814-359-5129

I am enclosing a copy of our "SIR Request Form", which is to be used for all future species impact review requests. Please make copies of the attached form and use with all future project reviews. Thank you in advance for your cooperation and attention to this important matter of species conservation and habitat protection.

SIGNATURE: Christopher A. Urban DATE: August 10, 2005

Our Mission: Christopher A. Urban
Chief, Natural Diversity Section

www.fish.state.pa.us

To provide fishing and boating opportunities through the protection and management of aquatic resources.



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
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ES
7/25/

June 9, 2005

Andrew Reed, PE
PA Dept. of Environmental Protection
Bureau of Waterways Engineering
3rd Rachel Carson State Office Building
PO Box 8460
Harrisburg, PA 17105-8460

TO EXPEDITIOUS REVIEW USE
BHP REFERENCE NUMBER

Re: File No. ER 2005-2168-039-A
DEP, Dam Permit, Project No. 183-16
City of Titusville Flood Protection
Project, Oil Creek Twp., Crawford Co.

Dear Mr. Reed:

The Bureau for Historic Preservation has reviewed the above named project under the authority of the Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988). This review includes comments on the project's potential effect on both historic and archaeological resources.

There is a high probability that prehistoric and historic archaeological resources are located in this project area. In our opinion, the activity described in your proposal should have no effect on such resources. Should the scope of the project be amended to include additional ground disturbing activity this office should be contacted immediately and a Phase I Archaeological Survey may be necessary to locate all potentially significant archaeological resources.

In our opinion no evaluation of historic structures will be necessary for this project area.

If you need further information regarding archaeological survey please contact Chan Funk at (717) 772-0924. If you need further information concerning historic structures please consult Ann Safley at (717) 787-9121.

Sincerely,

Douglas C. McLearn, Chief
Division of Archaeology &
Protection

DCM/lmm

Minutes

Environmental Review Committee

May 24, 2005

Rachael Carson State Office Building
Harrisburg, PA

9:00 a.m. 10th Floor Conference Room

I. ACOE - Pittsburgh District

A. Old Business - None

B. Pre-application – City of Titusville Flood Protection Project Description

The proposed project includes constructing a dam across Church Run and wetlands adjacent to Church Run in Oil Creek Township, Crawford County. The Chapter 93 designated water use of Church Run is Cold Water Fishes. The Pennsylvania Fish and Boat Commission identifies Church Run as a wild trout stream on the List of Streams Supporting Wild Trout that was approved in April of 2005.

The wetlands are Exceptional value because they occur in the floodplain of a listed wild trout stream. DEP does not dispute the wild trout designation. The footprint of the dam is currently calculated to be 0.5 acres. Direct and indirect impacts combined, occurring from the footprint, construction access, and possible loss of hydrology to the wetlands below the dam brings total impacts to 1.9 acres. Replacement is planned at 1.5/1.0. However, post-monitoring will determine how much of the non-footprint impacts are permanent and whether 1.9 acres of impact will need to be compensated.

The dam will not impound water during normal flow conditions. This design is often called a “dry dam”. The dam will impound water onto approximately 8 acres of land during a large storm event (100 year). The time of inundation is designed for less than 24 hours and so little impact to the fisheries is anticipated from inundation.

Recommendation were provided by the Fish Commission in writing on how to construct the stream “pass through” at the dam to allow fish passage. In other more recent correspondence the Fish Commission recommended options that minimize impacts to wetlands.

Wetlands exist within the dam footprint and within the inundation zone. These wetlands are best described as broadleaf palustrine shrublands and, as a result of grazing/mowing for pasture management, wet meadow herbaceous wetlands that are dominated by

graminoids and sedges. The wetlands that will be impacted by the dam footprint are wet meadow herbaceous wetlands.

Various options were discussed as to how to mitigate for the wetland impacts direct and possibly indirect. There is an intermittent tributary that is incised that feeds the wetland above the dam location. There is the potential to fix the incision problem and simultaneously use the stream to provide additional hydrology, especially to areas currently shown as upland, but earmarked for mitigation. The Game Commission thought the upland inclusions could be excavated to provide compensation. DEP advised care in excavation because it could rob hydrology from adjacent areas. Waterways engineering thought the areas just needed to be “scalped” to maintain even elevations. They did not think hydrology would be an issue.

There was concern about maintenance of the wetlands and the prospect of enrolling the land into one of the Federal programs. There was a concern about restrictions and the temporary nature of such agreement. Consideration would be given to buying the property and allowing restricted access for the present owner.

There was concern regarding adequate lead-time to provide all the necessary information for an adequate EA to meet federal requirements under NEPA. It was recommended to get the ACOE on-site quickly for a jurisdictional determination and other input regarding the project’s EA and permit. They normally want deed restrictions on properties purchased by those maintaining it. The ACOE did not attend this meeting.

There was discussion about the location of the dam and whether an alternate location immediately up or downstream would avoid wetland impacts. Upstream is not possible because the impoundment would directly affect homeowners there. There was some room to move it down stream. However, this was limited because there needs to be adequate room for overtopping storm flows to reenter the channel before affecting properties downstream. There was also consideration given to owners’ property values, which would be affected by the massive structure occurring virtually in their backyards. As this project is intended to address flooding/safety issues immediately downstream, attendees approved the project.

C. New Business – Wetland Restoration, U.S. Fish and Wildlife Service Richard Hiabach Partners Project, Venango Township, Erie County.

The agreement area is about 12 total acres, and contains approximately 1.25 acres of existing emergent wetland. Over 10 upland acres adjacent to the project will function as an upland buffer and be planted with native warm season grasses. Most of the project area has been highly disturbed from topsoil removal and ditching. Soil and debris piles are common throughout the project area. Two low dikes are proposed to be built that cross a central drainage swale/ditch that is effectively draining this site. The wetland restoration area encompasses 1.4 acres, including about 0.35 acres of existing wetland (dominated by dense reed canary grass). The upper dike will restore hydrology to

approximately 0.85 acres of emergent wetland. The lower dike will restore hydrology to approximately 0.45 acres. Combined direct impact to existing wetlands from dike construction is estimated at 3,000 square feet (0.07 acre). Maximum water depth in the existing wetland will be 24 inches during fall and winter. Beginning in late spring, water level will be drawn down to promote vegetative growth. With these water depths and the water level management plan, there will be no negative impact on the existing wetland, and we are hopeful for effective control of the reed canary grass. The watershed is approximately 20 acres and the receiving stream is Alder Brook (WWF), located approximately 1/4 mile down gradient. Soils are mapped as Fredon (FaB).

In summary, this project will restore hydrology to at least 1.05 acres, and create a more desirable wetland plant community, with negligible impact to existing wetlands (0.35 acres enhancement). The purpose of the project is to create and restore habitat for federal trust species.

The attendees approved the project.

Wetland Restoration, US Fish and Wildlife Service

Richard Bugher and Jim James Partners Projects, Shenango Township, Mercer County

The FWS completed a 15-acre wetland restoration project for Richard Bugher in 1993, which was accomplished by constructing 450 feet of dike. The dike has suffered extensive damage from muskrats and currently has an inoperable water control structure. The structure will be replaced, and the dike will be repaired with fill obtained from an adjacent landowner, Jim James.

The agreement area for Jim James is about 10 total acres, and contains approximately 6 acres of existing emergent wetland. The emergency spillway from the Bugher project empties onto the James' site, which has increased hydrology on this 6-acre wetland. The borrow material will be obtained from a 4-acre upland area on the James site. Clay will be excavated from the old-field uplands and the emergency spillway runoff will be rerouted into the borrow area. The water will exit the borrow area near the entrance location as to continue to supply the existing wetland. The soil excavated will be used to repair the existing dike on the Bugher property. No excavation will be performed in the existing wetlands, except for the minor rerouting of the emergency spillway. It is estimated that 1800 square feet of direct wetland impact will occur from repairing the existing dike; however, we anticipate creating at least 3 acres of emergent wetlands in the borrow area. Maximum water depth in the borrow area will be 2 feet with averages much less. The watershed is approximately 50 acres and the receiving stream is Turkey Run WWF), located 1/4 mile down gradient. Soils are mapped as Halsey silt loam (Ha) and Wayland silt loam (Wa).

The Game Commission wanted to know as an alternative whether the 3-foot culvert could be used to control or impound water at the lowest point of the two project areas.

The Game Commission thought this would be a maintenance issue, which they might not be able to control properly.

In summary, this project will allow for proper water management in a 15-acre wetland system and create at least 3 acres of emergent wetlands from existing uplands. The purpose of this project is to create and restore habitat for federal trust species.

Attendees approved the project.

II. ACOE - Philly District

- A. Old Business - None
- B. Pre-Application - None
- C. New Business -

III ACOE Baltimore District

- A. Pre-application – none

B. New business- Wetland Restoration, U.S. Fish and Wildlife Service
Alan Tumblin Partners Project, Upper Mifflin Township, Cumberland County.

The agreement area is about 10 total acres, and contains approximately 4 acres of existing emergent wetlands. Approximately 3.6 acres of wetlands in the agreement area will not be impacted, which leaves approximately 0.4 acres subjected to some disturbance. The project area is currently a mowed pasture with a wooded area between the pasture and Doubling Gap Creek. Surface runoff and springs are the source of hydrology. The wetland restoration area encompasses 1.4 acres. A single dike is proposed to be built along the fencerow and continue across the field perpendicular to several drain tiles. The dike is approximately 400 ft long and averages 3 ft high. Direct wetland impacts will be limited to approximately 6500 ft² (0.15 acre) from dike construction. The remaining 0.25 acre of wetlands will be temporarily impounded during the fall and winter. In addition, two potholes will be excavated on either side of the dike. The dike and potholes will restore hydrology to the entire 1.4 acre area. Water levels will range in depth from 6 inches to 3 feet, with an average depth of approximately 14 – 17 inches. During the growing season, the water level will be drawn down to promote vegetative growth. The watershed is approximately 30 acres and the receiving stream is Doubling Gap Creek. Doubling Gap Creek in the project area is designated as HQ-CWF; however, since no work or discharge is proposed within 200 feet of the creek, no adverse impacts are expected. Soils are mapped as Atkins (Aw), Berks (BeC, BeB), and Brinkerton (BrA).

In summary, this project will result in net gain of approximately 1.0 acre of emergent wetlands. The purpose of this project is to create and restore habitat for federal trust species.

Wetland Creation, The Wetland Replacement Fund Project, DEP, designed by Ducks Unlimited. John Erich, Charleston Township, Tioga County

This project will result in the construction of 0.69 acres of wetland. A berm will be created to capture water. The maximum water level will be 3 feet with a majority of the site having 18 inches or less water. No existing wetlands are to be impacted. The created wetland will be fed by overland flow and will discharge into unnamed tributary to North Elk Run. As depicted on the USGS topo the drainage area will be 33 acres. US and Fish and Wildlife had questions about whether the drainage area and location provided match that observed by US Fish and Wildlife in the field.

The plan view was provided by DU the same morning of ERC. The berm footprint will be larger than the planned wetland (minus open water). No soils or PNDI information was provided. Last minute recommendations to adjust the control box to maintain a permanent pool were aborted in deference to DU's request. This project is nearby a Partners project that was to be under construction in several days. Hence, the urgency to get this project approved so that the same equipment can be conveniently moved in place for this project. As a result, this project has gone forward. In the future, no such allowance will be made to accommodate equipment needs. Adequate, accurate information must be provided to the ERC chair by the date requested for agenda items (normally 6 days prior to ERC).

C. Old business - None

Appendix D

Public Notice

PUBLIC NOTICE
U.S. Department of Homeland Security's
Federal Emergency Management Agency (FEMA)
Notice of Availability of Draft Environmental Assessment for
Flood Protection Project on Church Run
Crawford County, Pennsylvania

Notice is hereby given that the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has received a funding request from the City of Titusville for a flood protection project on Church Run located in Crawford County, Pennsylvania. The City of Titusville, Pennsylvania Emergency Management Agency, and the Pennsylvania Department of Environmental Protection are providing matching funds. Federal financial assistance is authorized pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act for disaster number FEMA-1485-DR. A Draft Environmental Assessment (EA) was prepared to assess the potential impacts of flood protection in accordance with the National Environmental Policy Act of 1969 (NEPA), the Council on Environmental Quality (CEQ) regulations implementing NEPA (40CFR Parts 1500-1508), Executive Order 11988, Executive Order 11990 and the implementing regulations of FEMA (44CFR Parts 9 & 10). An initial notice of intent was published the Titusville Herald in July 2005.

The Draft EA summarizes the purpose and need, alternatives, affected environment, and potential environmental consequences from flood protection alternatives; consistent with applicable environmental laws. Three alternatives were evaluated include (1) no action; (2) detention dam; (3) concrete U-channel with 100-year flood capacity. The preferred action alternative is a detention dam that generally follows the findings of a Commonwealth of Pennsylvania, Department of Environmental Protection Flood Protection Study of Church Run that was completed in 1991. The preferred action is located in Oil Creek Township, Crawford County, Pennsylvania. The site of the proposed detention dam is across Church Run just upstream of the City of Titusville boundary with Oil Creek Township.

The Draft EA and its associated Finding of No Significant Impact (FONSI) are available for comment and can be viewed and downloaded from FEMA's website at <http://www.fema.gov/ehp/docs.shtm> or viewed and copied at the Titusville Benson Memorial Library. The Library is located at 213 N Franklin Street in Titusville. The comment period will end 15 days from notice publication date. Written comments on the Draft EA can be mailed or faxed to either the below contacts. If no substantive comments are received, the Draft EA and associated FONSI will become final. Substantive comments will be addressed as appropriate in the Final documents.

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