

**TFG FILES INVENTORY**

**DATE: 12-15-05**

Box Number: 49285543

Alternate Number: 17

Other Identification: LN191

Contents Associated With:

1. Contract DACW29-94-C-0079, Daily Logs, 1180-1-1Q, Lake Pontch, LA & Vic, HLP, London Avenue, Outfall Canal, Mirabeau; Section B, Folder 5, Item 37 b.

A0006527✓  
A0006524✓  
A0006531 (maps to be scanned)  
A0006536 (maps to be scanned)  
A0006504  
A0006499  
A0006506  
A0006507  
A0006509  
A0006512

A0006519  
A0006522

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HLP, London Avenue, Outfall Canal, Mirabeau; Section B, Folder 5, Item 37 b.
  
2. xxxxxxxx
  
3. xxxxxxxx

A0006504  
A0006499  
A0006527  
A0006524  
A0006531  
A0006536  
A0006506  
A0006507  
A0006509  
A0006512  
A0006519  
A0006522

A0006506

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR  
REPORT NUMBER 342

TO Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Friday  
10 May 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy and Lt Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50 %	50%	50%	50 %	50 %

TEMPERATURE	
MINIMUM	MAXIMUM
75	89

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0.30	0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
	1 - 1		1 - 8	2 - 9	

Canal RIVER STAGE	
FEET	TIME
2.0	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2 - 19	18 - 134	17 - 112	37 - 265	0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control.
- b. Arcadia Re-bar - Re-steel
- c. Jarnes Electric - Feeder Line

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Formed and poured 2 monoliths, demolishing existing floodwall, finishing floodwalls.
- b. Tying re-steel for I-wall monoliths.
- c. Re-locating feeder lines.

Days of no work and reasons for same:

100% days - 0  
50% days - 9 May 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed today.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 79.30  
PERCENT TIME ELAPSED: 82.42

QC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " " "  
Feeder Line - " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES

Floodwall - Contractor set up I-wall forms for West Mono's #79 and #85. Placed concrete using Komatsu 200 with 1.5 cu yd bucket. Forms were cleaned and patched before they were used. Per-Pre-Placement inspection on above mentioned mono's prior to placement. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Demolished existing floodwall cap from East B/L Sta. 125+50 to 126+10 and hauled off the jobsite in trailer dump trucks. Cement finishers completed L/S repairs of East Mono's #56 - #58. Rain began to fall at 1:30 pm preventing pouring of 3 rd monolith.

Re-steel - Arcadia Re-bar tied bottom steel for West Mono's #85 and #87.

Feeder Line - Barnes Electric relocated Fl-400 and FL 422 feeder lines between West B/L Sta. 100+25 to 101+50.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL.

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS.

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
D. Beadle	Const. Insp.	7	QAR
C. Wagner	Civil Engr.	1	Proj. Engr.

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Contractor cleaned mud from streets after placement of concrete and hauling of concrete caps from the jobsite.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 5/14/96	SUPERVISOR'S INITIALS <i>gws</i>	DATE 5/17/96
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# QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results:

Observed contractor excavating area under cable tray where sheet piling will need to be jacked. Afternoon concrete pour cancelled due to rain fall. Struts need to be cleaned due to excessive mud & debris present. Checked galvanizing of cable tray and found rust areas, blotches & rough & uneven areas where galvanizing was applied. Additional work required prior to final acceptance.

Instructions to COC/Remarks:

None Today

Chris Wagner  
Name

Proj Engr  
Title

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	4	4	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	2	6	Broke Down
Mantis 3612 Crane	—	yes	5	3	—
Koehring 405 Crane	—	yes	6	2	—
<del>F.S.W. Excavator</del>	—				
Welding Machine	—	No	0	8	—
Compressor	—	yes	3	5	—
Komatsu 200 Exc. #2	—	yes	6	2	—
Koehring 535 Crane	—	yes	6	2	—
EMV-300 Vib. Hammer	—	yes	4	4	—

MATERIALS RECEIVED

Received 33 c.y. of Mix Design #44-C Concrete from Lafarge Conc. Co. today, and placed 16.5 yards in West Mono #79 and the remaining 16.5 yards in West Mono #85.

TESTS PERFORMED  
(As required by plans/specifications)

BTK Const. Co. tested concrete and molded three cylinders from Lafarge's Mix #44-C Concrete delivery today. Results of these tests can be found on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected galvanizing job done on the Telephone Cable Tray (hot-dipped by "HAYWILK GALVANIZING" for "MANUFAB INC.") in the yard at Pratt Drive. There was some surface rust, as well as some unevenly coated areas on the cable tray. Some spots had bubbled-up galvanizing protruding to give cable tray a rough finish. Touch-up had been done with cold galvanizing spray, but the galvanizing work was unacceptable. I called Mr. Mike Hebert w/manufab and asked him to have the cable tray re-galvanized. After explaining the problem to him, he agreed to have the tray picked up, and have "HAYWILK GALVANIZING" re-work the item (It will be sandblasted and re-dipped in hot galvanizing compound.)

Checked formwork, re-steel and embedded items on West Monoliths #79 and #85 today. No problems were found that required correcting. Forms were in good condition, cleaned, oiled, plumbed and aligned correctly. Clearances for re-steel were 2" to 3" at all points.

JOB SAFETY

Checked straps used to lift concrete cap sections on the East Bank today. Some frayed nylon material was found, but only accounted for 5% or less of total strap thickness. It was agreed that these straps were still in good enough shape to lift the 20 ton sections (ten tons each strap), as straps when new are rated for 40 tons each when rigged basket style.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry M. Justice

Authorized Q C Representative

5-13-96

Date

QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 5/10/96

REPORT NO.: 423

SKIES: Cloudy - Rain

RAIN: 0.30 IN. TEMP.: 75 MIN 89 MAX

DUST: None

LEEVE CONDITION:

CANAL GAUGE: (2.0) NOISE: Moderate

50% Lost Production  
 Due To Rain + Wet Soil.

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at West Mono's #92 + #83, then patched holes and covered these walls with wet burlene blankets. Set forms and top re-steel mats at West Mono's #79 and #85. Placed concrete at West Mono's #79 and #85 today. Cut holes for rebar at West Mono's #97, #98, and #99. Demolished existing floodwall from East B Sta. 125+50 to Sta. 126+10, and hauled off concrete cap sections by truck + trailer. Pulled up existing sheet piles from East B Sta. 121+00 to Sta. 120+45. Cement finishers completed land side repairs on East Monoliths #56, #57, and #58 today. Performed structural excavation from West B Sta. 100+45 to Sta. 100+70. Rain showers at 1:30 PM stopped us from placing concrete on a third I-wall Monolith today.

ARCADIA REBAR - Tied bottom re-steel in place at West Monoliths #85 + #87, then pre-tied 3 top re-steel mats for future placement.

BARNES ELECTRIC - Temporarily relocated FL-400 and FL-422 from West B Sta. 100+25 to Sta. 101+50. This completes all Temp. Relocation work for the job.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	100	B+K Const.	(SEE ABOVE)
14	Skilled	112	"	
1	Supt.	10	"	
1	Q.C. Rep.	9	"	
2	Skilled	14	Arcadia Rebar	(SEE ABOVE)
2	Skilled	8	Barnes Elect.	(SEE ABOVE)
3	Unskilled	12	"	

FO CHECK OUT FOR

STRUCTURES  
 REINFOR

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

West # 79

LIFT NO.

one

ELEVATION

from 3.50 to 14.40

DATE OF POUR

5-10-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmb	5-10-96	10:05	D. Beadle	5/10/96	10:10
VERTICAL	✓			✓	z	z
ALIGNMENT	✓			✓	z	z
CLEANLINESS	✓			✓	z	z
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmb	5-10	10:05	D. Beadle	5/10/96	10:10
CLEANLINESS	✓			✓	z	z
WATERED	✓			✓	z	z
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmb	5-10	10:10	D. Beadle	5/10/96	10:10
VERTICAL	✓			✓	z	z
HORIZONTAL	✓			✓	z	z
SPACING	✓			✓	z	z
CLEARANCES	✓			✓	z	z
STEEL SCHEDULE	✓			✓	z	z
SHOP DRAWINGS	✓			✓	z	z
TIE WIRES	✓			✓	z	z
#6 BAR WELDED	✓			✓	z	z
CLEANLINESS	✓			✓	z	z
WATERED	✓			✓	z	z
E. FORMWORK	Jmb	5-10	10:15	D. Beadle	5/10/96	10:10
CONDITION	✓			✓	z	z

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	5-10	10:15	D. Beadle	5-10-96	10:15
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.86'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	5-10	10:20	D. Beadle	5/10/96	"
G. SAFETY (LIST)	Jmj	5-10	10:20	"	"	"
1. Ladder	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Safety Glasses	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-10	10:20	D. Beadle	"	"
Exp. Material	✓	"	"	✓	✓	✓
FL-400 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:20	1.25				
Bucket	1	10 c.y.	"	"				
Vibrator	1	18' Long	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS  
 SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 86° ;  
 AIR TEMPS = 90° ; 3 Test Cylinders (LA-181)  
**FINAL CLEARANCE**

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

FORM CHECK OUT FOR

STRUCTURES  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

West # 85

LIFT NO.

one

ELEVATION

from 3.50 to 14.40

DATE OF POUR

5-10-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmf	5-10-96	1:00	<del>J. Beadle</del> D. Beadle	5/10/96	1:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmf	5-10	1:00	D. Beadle	5/10/96	1:05
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmf	5-10	1:05	D. Beadle	5/10/96	1:05
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmf	5-10	1:10	D. Beadle	5-10-96	1:10
CONDITION	✓	"	"	✓	✓	✓



ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmf	5-10-96	1:10	D. Beadle	5-10-96	1:10		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmf	5-10	1:15	"	"	"		
G. SAFETY (LIST)	Jmf	5-10	1:15	"	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmf	5-10	1:15	D. Beadle	}	}		
Expansion Material	✓	"	"	✓				
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:45	1.25				
Bucket	1	1.0 yards	"	"				
Vibrator	1	18' Long	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.4% ; CONCRETE TEMPS = 85° ;							
	AIR TEMPS = 87° ; 3 Test Cylinders (LA-18)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
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B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 5-10-96

Pour Location West I-Wall Monolith # 79 & # 85.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used # 44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
328436	11:22	11:48	3.25°	5 Gal.	4.0 <sup>x</sup>	86° 90°	5.0	3	11:30	8.5
328460	11:50	12:30	3.75°	5 Gal.	4.5°	86° 90°	-	-	12:00	8
328513	1:45	2:18	2.75°	10 Gal.	4.0 <sup>x</sup>	85° 87°	5.4	-	2:00	8.5
328535	2:21	2:55	2.75°	10 Gal.	4.0°	85° 87°	-	-	2:25	8

Test Cylinder Set #LA-181

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
341

TO: Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Thursday  
9 May 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy and Afternoon Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 50 %	BORROW EXCAVATION 50 %	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
-------------------------------	---------------------------	--------------------	------------------	-------------------

TEMPERATURE	
MINIMUM 72	MAXIMUM 87

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  
 NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal RIVER STAGE	
FEET 1.7	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 16	16 - 82	14 - 70	32 - 168

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
---------------------------------------	----------------------------	----------------------------

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control.
- b. Arcadia Re-bar - Re-steel.
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a. Formed and poured 1 monolith, demolishing existing floodwall, finishing floodwalls.
- b. Tied re-steel for monoliths.

Days of no work and reasons for same:

None

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 79.10  
PERCENT TIME ELAPSED: 82.30

Q/C INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Contractor set up I-wall forms for West Mono's #83 and #94. Placed concrete only in Mono #83, due to rain that shut down work at 1 pm. Forms were cleaned and patched before they were used. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18 inches and was well vibrated. Demolished existing floodwall cap on East B/L Sta. 124+90 to 125+50 and hauled off the jobsite in trailer dump trucks. Cement finishers completed L/S repairs of East Mono's #52 - #55.

Re-steel - Arcadia Re-steel tied bottom re-steel for West Mono's #79, #94 and #96.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Flagman controlled traffic during demolishing of east floodwall sections that were hauled off of the jobsite.

INSPECTOR'S SIGNATURE D. Beadle <i>David Beadle</i>	DATE 5/10/96	SUPERVISOR'S INITIALS <i>gn</i>	DATE 5/15/96
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QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 5/09/96

REPORT NO.: 422

SKIES: Cloudy - Rain

RAIN: 0.35 IN. TEMP.: 72 MIN 87 MAX

DUST: Minimal    LEVEE CONDITION: Wet P.M.    CANAL GAUGE: (1.7) NOISE: Moderate

\*50% Lost Production due to Rain + Wet Soil. WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at West Mono's #81 and #90, then patched and covered these walls with wet burlap blankets. Set forms and top re-steel mats at West Mono's #83 and #94, then placed concrete at West Mono. #83 only. (Rain storms shut down all work at 1:00 P.M.) welded #6 bond bars on top of new sheet piles at West Mono's #94, #95, and #96. Cut existing MP-115 sheet piles at elev. +6.75 from West B Sta. 100+65 to Sta. 100+95. Demolished existing concrete cap from West B Sta. 100+05 to Sta. 100+45 (including area under Telephone Conduit Crossing). Performed structural excavation from West B Sta. 100+40 to Sta. 100+70. Pulled up existing sheet piles from East B Sta. 122+00 to Sta. 121+20. Demolished existing floodwall from East B Sta. 124+90 to Sta. 125+50, and hauled off concrete cap sections by truck to Landfill. Cement finishers completed Land Side Repairs of East Monoliths #52, #53, #54 and #55.

Arcadia Rebar - Tied bottom re-steel at West Mono's #79, #94, and #96. Also pre-tied 3 top mats of re-steel for placement in future I-walls.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY  
 COMPANY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
	Unskilled		B+K Const.	(SEE ABOVE)
	Skilled		"	
1	Supt.	8	"	
1	Q.C. Rep.	8	"	
2	Skilled	12	Arcadia Rebar	(SEE ABOVE)

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	4	4	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	5	3	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	—	—	—	—
Welding Machine	—	yes	3	5	—
Compressor + Sandblaster	—	yes	—	—	—
Komatsu 200 Exc. #2	—	yes	5	3	—
Koehring 535 Crane	—	yes	6	2	—
Emv-300 Vib. Hammer	—	yes	4	4	—

MATERIALS RECEIVED

Received 16.5 cubic yards of concrete from Lafarge Conc. Co. and placed this material in West Mono # 83 today. All material was Lafarge's mix Design #44-C, and copies of delivery tickets were furnished to the Government Inspector, along with batch weights and information.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested the concrete material shown above, but rain storms stopped concrete deliveries scheduled for the afternoon. Test cylinders were not molded due to this situation, as our plans were to mold three cylinders off of afternoon deliveries.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected the repair area around bottom 4' of waterstop grouted in today. Concrete was chipped out around waterstop approx. 4" wide on each side and 6" deep. Waterstop was set in place and secured using plywood forms. All loose material was removed, the repair area was hosed out with water, and bonding agent was applied. Plywood forms were closed up and secured with concrete anchors, and non-shrink grout was mixed and placed into forms. Vibration was accomplished using hammers to tap forms after a smooth rod was used to rod the wet grout to consolidate the material. Some dry packing will be necessary to complete this repair after the forms are removed tomorrow. Waterstop is now straight and embedded in the wall correctly.

JOB SAFETY

Checked streets for dirt or debris from our trucks and/or equipment. Laborers had to clean mud off of the bridge at Robert E. Lee Blvd. No significant debris remained after cleaning was completed.

REMARKS

Manufab, Incorporated sent two men out to try and correct the finish on the Galvanized Telephone Cable Tray. Cold galvanizing was sprayed on the cable tray after a wire brush was used to remove loose matter and roughen the surfaces to be painted. An inspection will follow to determine whether the work is acceptable.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

5-10-96  
Date



FORM CHECK OUT FOR

STRUCTURES  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

West # 83

one

from 3.50 to 14.40

5-9-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	5-9-96	10:05	D. Beadle	5-9-96	10:15
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	5-9-96	10:05	D. Beadle	5-9-96	10:15
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	5-9	10:10	D. Beadle	5/9/96	10:15
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	5-9	10:10	D. Beadle	5/9/96	10:15
CONDITION	✓	"	"	✓		

ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	5-9-96	10:15	D. Beadle	5-9-96	10:20		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 1.75'-1.00'	✓	"	"	✓				
WIDTH 28.85'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	5-9	10:20	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	5-9	10:20	"	"	"		
1. Ladder	✓	"	"	✓				
2. Scaffold	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-9	10:20	D. Beadle	"	"		
EXP. Material	✓	"	"	✓				
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:05	1.0				
Bucket	1	1.0 yard	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS 81° ;							
	AIR TEMPS = 85° ; 3 Test Cylinders (LA-NONE) *Rain storm shut down work before cylinders could be molded.							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>John M. Justice</i>				C.O.E. REPRS: <i>David Beadle</i>				
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC.  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 5.9.96

Pour Location West I-Wall Monolith #83.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CNPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
328129	11:06	11:30	2.75°	15 Gal	4.5 <sup>x</sup>	81° 85°	6.0	-	11:20	8.5
328153	11:45	12:10	1.5°	20 Gal.	4.0°	81° 85°	-	-	11:50	8

Test Cylinder set #LA-(NONE) \* Rain showers shut down all work before a set of test cylinders could be molded today.

NOTE: "x" = Acutal Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
340

TO Area Engineer  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Wednesday  
8 May 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 73	MAXIMUM 88
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES  
0.0  
ENDING  
0800 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
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FEET 1.5	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY 2 - 19.5	SKILLED 16 - 154	LABORERS 13 - 130	TOTAL 31 - 303.5	FROM 0700M	TO 1300M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion control.
- b. Arcadia Re-bar - Re-steel
- c. Gill's Crane Service - Concrete Cap removal

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a. Placed concrete for 3 monoliths, demolishing existing floodwall, finishing floodwalls
- b. Tied re-steel for monoliths.
- c. Loaded concrete caps for disposal off of jobsite.

Days of no work and reasons for same:  
None

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.  
Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 79.00  
PERCENT TIME ELAPSED: 82.17

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - No instructions given.  
Concrete Caps - No instructions given.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Contractor set up I-wall forms for West Mono's #81, 90 and #92 and placed concrete in these same forms. Forms were cleaned and patched before they were used. Performed Pre- Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', and placed in lifts of less than 18". Patched and straightened water bulb on West Mono #78. Demolished existing floodwall cap from West B/L Sta. 97+60 to 99+0 and East B/L 124+30 to 124+90. Cement finishers completed repairs on East Mono #61 and #60. Cut existing MP-115 sheet piles between West B/L Sta. 100+05 to 100+65.

Re-steel - Sub - Arcadia Re-bar tied re-steel for West Monoliths's #83, 90 and #92

Concrete Cap - Gill's Crane Service loaded concrete caps into dump trucks to haul off jobsite.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. INsp.	8	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked for fuel or oil leaks on Mantis 3612 crane and found none.

INSPECTOR'S SIGNATURE David beadle <i>David Beadle</i>	DATE 5/09/96	SUPERVISOR'S INITIALS <i>ypw</i>	DATE <sup>5/14</sup> <i>5/13/96</i>
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QAR # 340

DATE: 8 May 1996 - Wednesday

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.				
02	CLEARING & GRUBBING	L.S.	L.S.				
03	SELECTIVE DEMOLITION	L.S.	L.S.	84	2	86	86
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.				
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.				
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.				
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC				
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.				
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.				
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.				
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF					
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF					
13	PAINTING	L.S.	L.S.				
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	80.6	0.40	81.0	81.0
15	CONCRETE SLOPE PAVEMENT	188 SY					
16	UTILITY MODIFICATIONS	L.S.	L.S.				
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.				
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.				
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF				
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF					
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.				
21	MISCELLANEOUS METALS	L.S.	L.S.				

All other quantities remain the same. See Report #337

QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 5/08/96

REPORT NO.: 421

SKIES: Pt, Cloudy

RAIN: 0.15 IN. TEMP.: 73 MIN 88 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.5) NOISE: moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at West Mono's #77, #86, and #88, then patched holes and covered these walls with wet burlene. Set forms and top re-steel mats at West Mono's #81, #90, and #92, then placed concrete at West Mono's #81, #90, and #92 today. Cut existing MP-115 sheet piles from West B Sta. 100+05 to sta. 100+65 at elev. 6.75. Demolished existing concrete cap from West B sta. 97+60 to sta. 99+00, and from East B sta. 124+30 to sta. 124+90. Continued hauling off concrete cap sections on the East Bank between B Sta. 122+00 and sta. 124+50. Pulled up existing sheet piles (Z-Piles, Type Undetermined) on the East Bank between sta. 122+50 and sta. 122+00. Cement finishers completed repairs on East Monoliths #61 and #60 (both sides), and worked on repair of East Mono's #59 and #58 (not completed yet). Unloaded reinforcing steel delivery from Lulich steel at Siphons Area.

Arcadia Rebar - Tied bottom re-steel at West Mono's #83, #90, and #92, plus pre-tied three top mats of re-steel for future placement.

Gill's Crane - Loading concrete cap sections into dump trucks for disposal.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	130	B+K Const.	(SEE ABOVE)
13	Skilled	130	"	
1	Supt.	10	"	
1	Q.C. Rep.	9.5	"	
2	Skilled	16	Arcadia Rebar	(SEE ABOVE)
1	Skilled	8	Gill's Crane	(SEE ABOVE)

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	3	5	—
Kubota 151 Excavator With Concrete Breaker	—	yes	4	4	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
<del>J.S.W. Excavator</del>	—				
Welding Machine	—	No	0	8	—
Compressor	—	yes	4	4	—
Komatsu 200 Exc. #2	—	yes	6	2	—
Koehring 535 Crane	—	yes	5	3	—
EMV-300 Vib. Hammer	—	yes	3	5	—

MATERIALS RECEIVED

Received 49.5 c.y. of concrete from Lafarge today (mix Design #44-C) and placed 16.5 c.y. in each of three I-wall monoliths (West Mono's #81, #90, and #92). Delivery tickets and Batch weights were furnished to the Government Inspector.

Received re-steel from which steel today for all remaining monolith #7's, including steel for siphons and telephone crossings.

TESTS PERFORMED  
(As required by plans/specifications)

B & K Construction tested and inspected concrete delivered by Lafarge Concrete Company today. The test results can be found on the attached Concrete Field Data Summary Sheet.



QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Burlene blankets were found in need of repair, and not thoroughly wet on the West Bank. I instructed the Project Supt. and Crew Foreman to make necessary repairs, construct new blankets and assign one man to keep walls wet full time. Carpenters built three new curing blankets today. Laborers patched up old blankets and wet down all curing monoliths as instructed.

Checked formwork at West Monoliths #81, #90, and #92 today. Check out sheet LMM Form 1246 was completed as a checklist prior to concrete placement. Elevations were checked using control elevation marks on C2-101 sheet piling, and found to be correct within 0.02' plus or minus. Alignment and plumbness required slight adjustment on West Mon #90. No other deficiencies noted.

JOB SAFETY

Checked rigging on concrete bucket on West Bank today. Instructed crew foreman to have new safety latch kit installed on swivel hook as soon as possible. Old latch is still working properly, but has been bent slightly making it more likely to fail.

REMARKS

"ENTERGY" deenergized overhead power lines at ± Station 100+00 West B<sub>2</sub> for piling work here. These lines will have to be re-energized within a few days according to Entergy's "Ronnie Fisher".

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

5-9-96  
Date

FOR CHECK OUT FOR

STRUCTURES  
 REINFORC

CONCRETE FLOODWALL

Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH West# 90 LIFT NO. one ELEVATION from 3.50 to 14.40 DATE OF POUR 5-8-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	5-8-96	1:40	D. Beadle	5/8/96	1:45
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	5-8	1:40	D. Beadle	5/8/96	1:45
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	5-8	1:45	D. Beadle	5/8/96	1:45
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	5-8	1:45	D. Beadle	5/8/96	1:45
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	5-8-96	1:50	D. Beadle	5/8/96	1:55		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.81'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	5-8	1:55	"	"	"		
G. SAFETY (LIST)	Jmj	5-8	1:55	"	"	"		
1. Ladder	✓	"	"	✓				
2. Scaffold	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-8	1:55	"	"	"		
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Trackhoe	2:40	1.5				
Bucket	1	1.0 yard	"	"				
Vibrator	1	18' Long	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.0" ; AIR ENTR. = 5.4% ; CONCRETE TEMPS 82° ; AIR TEMPS = 86° ; 3 Test Cylinders (LA-100)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FOR CHECK OUT FOR

STRUCTURES  
 REINFORC.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

West # 81

one

from 3.50 to 14.40

5-8-96

INSPECTED BY CONTRACTOR

REVIEWED BY C.O.E.

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	5-8-96	11:00	D. Beadle	5/08/96	11:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JMD	5-8	11:00	D. Beadle	5/08/96	11:05
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	5-8	11:05	D. Beadle	5/08/96	11:05
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	5-8	11:10	D. Beadle	5/08/96	11:05
CONDITION	✓	"	"	✓	✓	✓

ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	5-8-96	11:10	D. Beadle	5-8-96	11:15		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.85'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	5-8	11:15	"	"	"		
G. SAFETY (LIST)	Jmj	5-8	11:15	"	"	"		
1. Ladder	✓	"	"	✓				
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-8	11:15	D. Beadle				
EXP. Material	✓	"	"	✓				
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:20	2				
Bucket	1	1.0 yards	"	"				
Vibrator	1	18' Long	"	"				
Generator	1	Gas Powered	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 83° ; AIR TEMPS = 86° ; 3 Test Cylinders (LA-180)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
INSTRUCTIONS								
<p>CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.</p>								

FORM CHECK OUT FOR

STRUCTURES  
 REINFOR

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH West # 92

LIFT NO. One

ELEVATION from 3.50 to 14.40

DATE OF POUR 5-8-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	5-8-96	3:10	D. Beadle	5-8-96	3:15
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	5-8	3:10	D. Beadle	5/8/96	3:15
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	5-8	3:15	D. Beadle	5/8/96	3:15
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	5-8	3:15	D. Beadle	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	5-8-96	3:20	<i>D. Beadle</i>	5/8/96	3:20		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	<i>Jmj</i>	5-8	3:25	"	"	"		
G. SAFETY (LIST)	<i>Jmj</i>	5-8	3:25	"	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	5-8	3:25	"	"	"		
FL-400 Anchors		"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Trackhoe	4:30	1.0				
Concrete	1	1.0 yard	"	"				
Vibrator	1	18' Long	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.0" ; AIR ENTR. = 5.4% ; CONCRETE TEMPS = 81° ;							
	AIR TEMPS = 83° ; 3 Test Cylinders (LA-180)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Jerry M. Justice</i>				C.O.E. REPRS:			
					<i>David Beadle</i>			
	INSTRUCTIONS							
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 5-8-96

Pour Location West I-Wall Monolith #81, #90 + #92

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
327738	11:20	12:35	3.0°	15 Gal.	4.5 <sup>x</sup>	82° 86°	5.0	3	11:30	8.5
327766	12:40	1:25	2.75°	10 Gal.	4.0 <sup>x</sup>	83° 86°	5.4	-	12:50	8
327851	2:40	3:15	2.5°	15 Gal.	4.0°	82° 86°	-	-	2:45	8.5
327869	3:31	4:20	3.0°	10 Gal.	4.25°	82° 84°	-	-	3:40	8.0
327900	4:32	4:56	2.75°	10 Gal.	4.0°	81° 83°	-	-	4:40	8.5
327913	5:06	5:30	3.25°	10 Gal.	4.5°	81° 83°	-	-	5:10	8

Test Cylinder set #LA-180

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome



**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
339

Area Engineer, CELMN-CD-NO COPY TO: C/Const. Div. CELMN-CD

DATE Tuesday  
7 July 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal, Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100 %
--------------------------------	----------------------------	--------------------	------------------	--------------------

TEMPERATURE	
MINIMUM 74	MAXIMUM 90

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1 - 1	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 2 - 9	LABOR
----------------------	--------	--------	---------------------	----------------	-------

Canal RIVER STAGE	
FEET 1.5	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 17.5	SKILLED 17 - 159	LABORERS 14 - 135	TOTAL 31 - 311
-------------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
FROM 0700 M	TO 1800 M	FROM M TO M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-steel
- c. Gill's Crane Service - Concrete Cap removal

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Placed concrete for 3 monoliths, demolishing existing floodwall, finishing floodwalls.
- b. Tied re-steel for monoliths.
- c. Loaded concrete caps for disposal off of jobsite.

Days of no work and reasons for same:  
None

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.  
Progressive work was performed today.

DATE SET FOR COMPLETION: 3 July 1996 PERCENT PROJECT COMPLETE: 78.70  
PERCENT TIME ELAPSED: 82.06

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Floodwall - See back
- Re-steel - No instructions given.
- Concrete Caps - No instructions given.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Contractor set up I-wall forms for West Mono's #77, 86 and #88 and placed concrete in these same forms. Forms were cleaned and patched before they were used. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Existing waterstop on West Mono #78 will be straightened since it turned during pouring of concrete. Demolished existing floodwall cap from West B/L Sta. 96+60 to 97+60. Noted that concrete was not dropped more than 5', and placed in lifts of less than 18 inches. Removed existing fencing along West floodwall in vicinity of 10 ft siphon. Cement finishers repaired East mono's #59 - #61.

Re-steel - Sub Arcadia Re-bar tied re-steel for West Mono's #81, 86 and #88.

Concrete Caps - Sub - Gill's Crane Service loaded concrete cap sections into dump trucks for disposal between East B/L Sta. 120+40 to 122+00.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

Project Engineer, Chris Wagner, instructed contractor to shift new I-wall alignment to match existing floodwall centerline at East B/L Sta. 120+49 to 126+66.02 and submit a set of as-built drawings to show tie-ins to existing sheet piles.

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	8	OAR
C. Wagner	Civil Engr.	1	Proj. Engr.

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Contractor used flagman to control traffic during removal of concrete caps by dump trucks from the jobsite.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

david beadle

*David Beadle*

5/08/96

*W*

*W*

5/13/96



## QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed cutting, demolishing & razing of existing concrete caps between Stc. 120+00 to 126+00 (approx.). Caps ~~not~~ being placed into trucks & hauled to disposal site. Contractor continuing to place concrete on west side near Pumping Stc. No. 4 & Filmore Ave. Also observed subcontractor fabricating beam & supports for jacking of sheet piling under the siphons & cabl. tray.

Instructions to CQC/Remarks: Reviewed shop drawings & field condition of sheet piling to be driven between R. E. Lea & L. C. Simon. Offsets are not the same dimensions given on drawings. Informed Supt M. K. Tassin & CQC cap Jerry Justice to tie existing sheets & new sheets ~~to~~ to match existing alignment. Both agreed to do so with no change required.

Chrisf Wagner Proj Engr  
Name Title

QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 5/07/96

REPORT NO.: 420

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 74 MIN 90 MAX

DUST: SOME

LEVEE CONDITION: Dry CANAL GAUGE: (1.5) NOISE: Moderate

WORK PERFORMED/LOCATION

① B+K Construction - Wrecked forms, patched holes, and covered with burlene West Monoliths #75, #82, and #84. Set forms and top reinforcing steel mat at West Mono's #77, #86, and #88, then placed concrete at West Mono's #77, #86, and #88 today. Cut holes for rebar at West Mono's #92 through #96. Demolished existing floodwall concrete cap from West Sta. 96+60 to sta. 97+60. Hauled off concrete cap sections previously demolished on the East Bank. Removed fencing from top of existing floodwall at Siphons Area (preparing to demolish this section of concrete cap). Cement finishers worked on repair of concrete surfaces at East Monoliths #61, #60, and #59 (not completed yet).

② Gill's Crane - Loaded concrete cap sections into dump trucks for disposal between East Sta. 120+40 and sta. 122+00.

③ Arcadia Rebar - Tied bottom re-steel in place at West Mono's #81, #86, and #88. Pre-tied 3 top mats of re-steel for future placement in I-Wall stem sections.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	115	B+K Const.	(SEE ABOVE)
14	Skilled	135	"	
1	Supt.	9	"	
1	Q.C. Rep.	8.5	"	
2	Skilled	16	Arcadia Rebar	(SEE ABOVE)
1	Skilled	8	Gill's Crane	(SEE ABOVE)

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	5	3	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
Welding Machine	—	No	0	8	—
Compressor	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	6	2	—
Koehring 535 Crane	—	yes	7	1	—
Emv-300 Vib. Hammer	—	yes	1	7	—

MATERIALS RECEIVED

Received 49.5 cubic yards of Concrete from Lafarge Concrete Company today, and placed this material as follows: 16.5 c.y. in each of three West I-Wall Monoliths (#77, #86, and #88).

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction Company tested concrete delivered by Lafarge Concrete Company today. Find results on the attached Conc. Field Data Summary Sheet. Three test cylinders were molded, to be sent to the Government Lab tomorrow.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

#78 Found waterstop on North end of West Mono. concrete was placed sideways inside the forms when (the bottom 4' of the I-wall) will have to be chipped out to allow the waterstop to straighten out. Grout will be used to patch this area and secure the waterstop in the end of I-wall. Work should begin on this problem tomorrow morning.

Upon field investigation, it was observed that the shop drawings (sheet piling) and the Contract Drawings were incorrect pertaining to existing sheet pile type and alignment between East & Sta. 120+49 and Sta. 126+66. Drawings state that new I-Wall & should match existing floodwall &, which is incorrect using offsets shown on page #7 of the contract drawings (see Below for "Instructions" concerning this matter).

JOB SAFETY

Checked flagmen for proper safety equipment. Flagman at Robert E. Lee Blvd. did not have an orange traffic flag to stop traffic with. I instructed his foreman to supply him a flag and vest, and made the worker aware of safety rules and requirements. Flagmen at Filmore were wearing vests and using orange 18" flags to direct traffic today.

REMARKS

Verbal Instructions: "Shift new I-Wall alignment to match existing Floodwall Centerline at East & Sta. 120+49 and Sta. 126+66, 02, and submit a sketch of as-built conditions and tie-ins to existing sheet piles." (per Chris Wagner)

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry M. Justice  
Authorized Q C Representative

5-8-96  
Date

B & K CONSTRUCTION COMPANY, INC.  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 5-7-96

Pour Location West I-Wall Monolith # 77, #86, & #88.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
327416	11:10	11:45	2.75°	10 Gal.	4.0°	84° 86°	-	-	11:15	8.5
327432	11:52	12:30	2.50°	10 Gal.	4.0°	84° 86°	-	-	12:00	8
327496	2:00	2:21	2.0°	15 Gal.	4.0 <sup>x</sup>	86° 90°	5.0	3	2:15	8
327478	2:30	3:40	1.5°	25 Gal.	4.5°	88° 90°	-	-	2:40	8.5
327514	4:00	5:00	3.0°	11 Gal.	4.5 <sup>x</sup>	88° 90°	5.5	-	4:10	8.5
327530	4:55	5:40	1.0°	25 Gal.	4.5°	87° 89°	-	-	5:05	8

Test Cylinder Set #LA-179

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:

Steve Thorne



FO CHECK OUT FOR

STRUCTURES  
 REINFOR.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

West # 77

one

from 3.50 to 14.40

5-7-96

INSPECTED BY CONTRACTOR

REVIEWED BY C.O.E.

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	5-7-96	10:25	D. Beadle	5-7-96	10:30
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JMD	5-7	10:25	D. Beadle	"	"
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	5-7	10:30	D. Beadle	"	"
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	5-7	10:35	D. Beadle	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	5-7-96	10:35	D. Beadle	5-7-96	10:40
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.86'	✓	"	"	✓		
WIDTH 175'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	5-7	10:40	D. Beadle	"	"
G. SAFETY (LIST)	Jmj	5-7	10:40	"	"	"
1. Ladder	✓	"	"	✓		
2. Scaffold	✓	"	"	✓		
3. Rigging	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-7	10:45	D. Beadle	"	"
Expansion Material	✓	"	"	✓		
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:10	1.5				
Bucket	1	1.0 yards	"	"				
Vibrator	1	18' long	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 84° ;  
AIR TEMPS = 86° ; 3 Test Cylinders (LA-179)

FINAL CLEARANCE  
CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

FO CHECK OUT FOR

STRUCTURES  
 REINFOR

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

West # 86

LIFT NO.

one

ELEVATION

from 3.50 to 14.40

DATE OF POUR

5-7-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	5-7-96	10:50	D. Bealle	5-7-96	11:00
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	5-7	10:50	D. Bealle	5-7-96	11:00
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	5-7	10:55	D. Bealle	"	"
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	5-7	11:00	D. Bealle	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmJ	5-7-96	11:00	D. Beadle	5-7-96	11:00		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.89'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	JmJ	5-7	11:00	D. Beadle	"	"		
G. SAFETY (LIST)	JmJ	5-7	11:05	"	"	"		
1. Ladder - Scaffold	✓	"	"	✓	}	}		
2. Rigging	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	5-7	11:10	D. Beadle	"	"		
FL-400 Anchors		"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	2:00	1.5				
Bucket	1	1.0 yards	"	"				
Vibrator	1	18" Shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 86° ;							
	AIR TEMPS = 90° ; 3 Test Cylinders (LA-179)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice			C.O.E. REPRS:			David Beadle	
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FC CHECK OUT FOR

STRUCTURE  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

West # 88

LIFT NO.

one

ELEVATION

from 3.50 to 14.40

DATE OF POUR

5-7-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	5-7-96	2:15	D. Beadle	5-7-96	2:20
VERTICAL	✓	"	"	✓	}	}
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	5-7	2:15	D. Beadle	5/7/96	"
CLEANLINESS	✓	"	"	✓	}	}
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	5-7	2:20	D. Beadle	5/7/96	2:20
VERTICAL	✓	"	"	✓	}	}
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmg	5-7	2:25	D. Beadle	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	5-7-96	2:25	D. Beadle	5-7-96	2:25
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.87'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	5-7	2:30	D. Beadle	"	"
G. SAFETY (LIST)	Jmj	5-7	2:30	"	"	"
1. Ladder	✓	"	"	✓		
2. Scaffold	✓	"	"	✓		
3. Eye Protection	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-7	2:35	D. Beadle	"	"
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	4:00	1.5				
Bucket	1	1.0 Yards	"	"				
Vibrator	1	18' Long	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS  
 SLUMP = 4.5" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 88° ;  
 AIR TEMPS = 90° ; 3 Test Cylinders (LA-177)  
**FINAL CLEARANCE**

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
338

TO: Area Engineer,  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Saturday - Monday  
4 - 6 May 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
-------------------------------	---------------------------	--------------------	------------------	-------------------

TEMPERATURE	
MINIMUM 75	MAXIMUM 89

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES Monday, 6 May 1996

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
	1 - 1		1 - 8		

FEET	TIME
1.4	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2 - 19	16 - 148	14 - 140	32 - 318	0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, and Erosion Control
- b. Arcadia Re-bar - Re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Formed and poured 3 I-wall mono's, demolished existing floodwall, finishing floodwalls.
- b. Tied re-steel for I-wall monoliths.

Days of no work and reasons for same:

None

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 78.40

PERCENT TIME ELAPSED: 81.94

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Contractor set up I-wall forms for West Mono's #75, 82 and 84 and placed concrete on these same forms. Forms were cleaned and patched before they were used. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18", and was well vibrated. Demolished existing floodwall from West B/L Sta. 94+40 to 96+60 and East B/L Sta. 123+70 to 124+30. Cut existing MP-115 sheet piles at elevation 6.75 from West B/L Sta. 98+60 to 99+45.

Re-Steel - Sub Arcadia Re-bar tied re-steel for West Mono #77.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (~~date~~/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. Wagner	Civil Engr.	1	Proj. Engr.
D. Beadle	Const Insp.	9	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)

Contractor personnel wore hand gloves, safety shoes, and goggles during pouring of I-wall monoliths.

INSPECTOR'S SIGNATURE

David Beadle *David Beadle*

DATE

5/07/96

SUPERVISOR'S INITIALS

*gw* *W*

DATE

*5/14/96*  
*5/15/96*



DATE: 5-6-96

# QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed concrete placement

CONTRACT NO.: DACW29-94-C-007

QAR # 338

DATE: 4 - 6 May 1996

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.				
02	CLEARING & GRUBBING	L.S.	L.S.				
03	SELECTIVE DEMOLITION	L.S.	L.S.	80	2	82	82
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.				
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.				
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.				
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC				
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.				
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.				
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.				
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF					
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF					
13	PAINTING	L.S.	L.S.				
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	79.8	0.40	80.20	80.20
15	CONCRETE SLOPE PAVEMENT	188 SY					
16	UTILITY MODIFICATIONS	L.S.	L.S.				
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.				
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	All other quantities remain the same. See Report #337			
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF				
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF					
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.				
21	MISCELLANEOUS METALS	L.S.	L.S.				

## QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed concrete placement for west side monos 42 + 44. Tractor trucks used to place concrete + vibrators used to consolidate concrete. Also observed personnel continuing to cut + demolish existing concrete caps. Caps cut in sections + then removed from site. Flagman used to stop traffic when trucks depart from area.

Instructions to COC/Remarks:

None given.

Chris J Wagner  
Name

Proj Engr  
Title

QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 5/06/96

REPORT NO.: 419

SKIES: cloudy - Pt. Cloudy RAIN: 0" IN. TEMP.: 75 MIN 89 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.4) NOISE: Moderate

WORK PERFORMED/LOCATION

5-05-96 Sunday - No Work Performed  
 5-06-96 Monday - B+K Construction - Wrecked forms at West Monow's #78 and #80, then patched tie-bolt holes and covered these walls with burlene for 7 day wet curing period. Set forms and top re-steel mats at West Monow's #82 and #84. Placed concrete at West Monow's #75, #82, and #84 today; and in stabilization slab from West B Sta. 98+60 to Sta. 99+00. B+K Construction personnel had to tie bottom reinforcing steel at West Monow #84 (Arcadia Rebar not here on time). Unloaded one truck load of re-steel from Lulich Steel Company (See "Materials Received" on page #2). Cut existing MP-115 sheet piles at elev. +6.75 from West B Sta. 98+60 to Sta. 99+45. Demolished existing floodwall from West B Sta. 95+40 to Sta. 96+60, and from East B Sta. 123+70 to Sta. 124+30. Hauled off concrete cap sections from the East Bank to landfill by truck and trailer. Welded #6 bond bars on top of CZ-101 Sheet piles at West Monow's #87 through #93.  
 Arcadia Rebar - Tied bottom re-steel at West Monow #77, and pre-tied three top re-steel mats (to be set in place by B+K Construction).

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	140	B+K Const.	(SEE ABOVE)
14	Skilled	140	"	
1	Supt.	9	"	
1	Q.C. Rep.	10	"	
2	Skilled	8	Arcadia Rebar	(SEE ABOVE)

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	3	5	—
Kubota 151 Excavator With Concrete Breaker	—	Yes	6	2	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	4	4	—
Koehring 405 Crane	—	Yes	8	2	—
J.S.W. Excavator	—	—	—	—	—
Welding Machine	—	Yes	3	5	—
Compressor + Sandblaster	—	Yes	5	3	—
Komatsu 200 Exc. #2	—	Yes	7	3	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 49.5 c.y. of Concrete from Lafarge Concrete Company today. Placed this material as follows: 16.5 c.y. in each West I-wall Monolith shown on Page #1 (#75, #82, and #84).

Received Re-steel from Lulich Steel Company today for the following Monoliths: Seven Mono.#6's; Re-steel for P.I's (Mono's #100 and #102); and Twelve Mono.#4's.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested concrete shipped by Lafarge Conc. Co. today. Find results on the attached Concrete Field Data Summary sheet. Three test cylinders were molded, to be delivered to the Gov't. Lab by B+K Construction.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected reinforcing steel at West Monoliths #82 and #84 before forms were closed up. A total of 33 vertical #6 bent bars were tied in place each face on both walls. The tails of these bars were passed through holes cut in C2-101 Sheet Piles, and then tied to the tail of the bar opposite as if spliced together. #5 horizontal bars were tied outside of these vertical bars on 9" centers (5 each face). #5 horizontal bars 5'-0" long were tied in between the bottom three full length horizontal bars, at each end, on each face (8 bars total). #5 U-Bars were tied to horizontal bars after being passed through sheet pile handling holes (16 U-Bars total). #4 U-Bars were tied to horizontal bars at each end of the monolith (10 U-Bars total). Re-steel was clean and free of oil, rust, dirt, or debris. Clearances were adjusted by carpenter crew after forms were set in place.

JOB SAFETY

Held the weekly safety meeting in the yard at Pratt Drive and Robert E. Lee Blvd. This morning at 7:00 AM. Find minutes of this meeting attached to this report.

Carpenters repaired scaffold handrails on I-wall forms today. Replaced handrail posts as needed, and added toe-boards that came off.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jermy Justice  
Authorized Q C Representative

5-7-96  
Date

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CRETE FIELD DATA SUMMARY

DATE: 5-6-96

Pour Location West I-Wall Monolith #75, #82, & #84;

West Bank Stab Slab → 98+60 to 99+00.  
 Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
327145	11:31	12:10	2.0°	15 Gal.	4.0°	84° 88°	-	-	11:40	8.5
327171	12:46	1:00	4.5°	0	4.5 <sup>x</sup>	86° 88°	6.0	3	1:00	8
327222	2:15	2:48	3.75°	5 Gal.	4.5°	86° 89°	-	-	2:20	8.5
327236	3:02	3:40	4.0°	0	4.0 <sup>x</sup>	85° 89°	5.1	-	3:10	8
327259	4:07	4:39	2.5°	15 Gal.	4.5°	86° 88°	-	-	4:10	8.5
327274	4:45	5:45	2.5°	12 Gal.	4.0°	85° 88°	-	-	4:50	8

Test Cylinder Set #LA-178

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

FOR CHECK OUT FOR  STRUCTURES  REINFORC  CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 75 LIFT NO. one ELEVATION from 3.50 to 14.40 DATE OF POUR 5-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	5-6-96	8:05	D. Beadle	5/6/96	8:10
VERTICAL	✓	"	"	✓	~	~
ALIGNMENT	✓	"	"	✓	~	~
CLEANLINESS	✓	"	"	✓	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	JmJ	5-6	8:05	D. Beadle	5/6/96	8:10
CLEANLINESS	✓	"	"	✓	~	~
WATERED	✓	"	"	✓	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	5-6	8:10	D. Beadle	5/6/96	8:10
VERTICAL	✓	"	"	✓	~	~
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	JmJ	5-6	8:15	D. Beadle	~	~
CONDITION	✓	"	"	✓	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	5-4	8:15	D. Beadle	5/6/96	8:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	5-4	8:20	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	5-4	8:20	"	"	"		
1. Ladder	✓	"	"	✓	2	2		
2. Scaffold	✓	"	"	✓	2	2		
3. Eye Protection	✓	"	"	✓	2	2		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-4	8:25	D. Beadle	"	"		
EXP. Material	✓	"	"	✓	2	2		
FL-400 Anchors	✓	"	"	✓	2	2		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:30	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
GENERATOR	1	GAS	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 84° ;							
	AIR TEMPS = 88° ; 3 Test Cylinders (LA-178)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
<b>INSTRUCTIONS</b>								
<p>CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.</p>								



FORM CHECK OUT FOR

STRUCTURES  
 REINFOR

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

West # 84

LIFT NO.

one

ELEVATION

from 3.50 to 14.40

DATE OF POUR

5-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	5-6-96	3:00	<i>D. Beadle</i> <del><i>[Signature]</i></del>	5/6/96	3:05
VERTICAL	✓			—	~	~
ALIGNMENT	✓			—	~	~
CLEANLINESS	✓			—	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>Jmj</i>	5-6	3:00	<i>D. Beadle</i>	5/6/96	3:05
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	5-6	3:05	<i>D. Beadle</i>	5/6/96	3:05
VERTICAL	✓			—	~	~
HORIZONTAL	✓			—	~	~
SPACING	✓			—	~	~
CLEARANCES	✓			—	~	~
STEEL SCHEDULE	✓			—	~	~
SHOP DRAWINGS	✓			—	~	~
TIE WIRES	✓			—	~	~
#6 BAR WELDED	✓			—	~	~
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
E. FORMWORK	<i>Jmj</i>	5-6	3:10	<i>D. Beadle</i>	5/6/96	3:10
CONDITION	✓			—	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	5-6-96	3:10	D. Beadle	5/6/96	3:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.88'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmg	5-6	3:15	D. Beadle	"	"		
G. SAFETY (LIST)	Jmg	5-6	3:15	"	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging check	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	5-6	3:20	D. Beadle	"	"		
FL-400 Anchors		"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	4:05	1.75				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.1% ; CONCRETE TEMPS = 86° ;							
	AIR TEMPS = 88° ; 3 Test Cylinders (LA-178)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FOR CHECK OUT FOR

STRUCTURES  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH West # 82

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 5-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmf	5-6-96	1:15	D. Beadle	5/6/96	1:20
VERTICAL	✓			—	~	~
ALIGNMENT	✓			—	~	~
CLEANLINESS	✓			—	—	—
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmf	5-6	1:15	D. Beadle	5/6/96	1:20
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmf	5-6	1:20	D. Beadle	5/6/96	1:20
VERTICAL	✓			—	~	~
HORIZONTAL	✓			—	~	~
SPACING	✓			—	~	~
CLEARANCES	✓			—	~	~
STEEL SCHEDULE	✓			—	~	~
SHOP DRAWINGS	✓			—	~	~
TIE WIRES	✓			—	~	~
#6 BAR WELDED	✓			—	~	~
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
E. FORMWORK	Jmf	5-6	1:25	D. Beadle	5/6/96	1:20
CONDITION	✓			—	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	5-6-96	1:25	D. Beadle	5-6-96	1:30		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.87'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	5-6	1:30	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	5-6	1:30	"	"	"		
1. Rigging		"	"	✓				
2. Scaffold	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-6	1:35	D. Beadle	"	"		
FL-400 Anchors		"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	2:15	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.1% ; CONCRETE TEMPS = 85° ;							
	AIR TEMPS = 89° ; 3 Test Cylinders (LA-178)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

MINUTES OF SAFETY MEETING

DATE: 5-6-96

TIME: 7:00 AM

PROJECT: London Avenue Canal Floodwall  
DACW29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice John West  
John Vison  
Richard Albrit  
David Bennett  
Mike Dutton  
Matthew Butcher  
FRANK BERNARD  
Eric Bailey  
Ronald POOLE

Steve Thome  
Al Brash  
Roger Semler  
KEVIN DORSEY  
MELVIN DIXON  
Dale J. Myers  
Greg Jackson  
Harold Patton  
James Schulz

TOPICS DISCUSSED:

Anthony  
Bryan Verdun

Rayford Mack - ERROL FRANKLIN  
Bruce Jones  
Alfred Brown

Discussed operator awareness of overhead electric lines at Mirabeau Avenue, Filmore Avenue, Siphon Pipes, and Robert E. Le Blvd. I reminded operators and others to make sure the Sewerage and Water Board Electric Feeder cables are de-energized before starting any work, check with Bryan Verdun (Carpenter foreman) or Mike Tassin (Supt.) to be sure the cables in your work area are locked out.

Also discussed the need for a flagman to be waiting for concrete trucks at Filmore Avenue to stop traffic. Flags and vests must be worn for safety while flagging traffic.

COMMENTS:

New Nylon straps and shackles have been ordered to replace old ones, and should be delivered today. A new safety latch kit is also ordered for swivel hook on concrete bucket rigging.

Jerry Justice  
CONTRACTOR'S SUPERINTENDENT

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
337

TO: Area Engineer,  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Friday  
3 May 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
-------------------------------	---------------------------	--------------------	------------------	-------------------

TEMPERATURE  
MINIMUM 62      MAXIMUM 84

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?       NO       YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.0      ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
-------------	--------	--------	---------------------	----------------	-------

Canal ~~RIVER~~ STAGE  
FEET 1.2      TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 16	SKILLED 17 - 152	LABORERS 14 - 140	TOTAL 33 - 308
-----------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS       1       2       3

FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
-------------	-----------	--------	------	--------	------

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Poured 3 monoliths, patching and finishing monoliths, demolishing existing floodwall.
- b. Tying re-steel for I-wall monoliths.

Days of no work and reasons for same:

None

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

PERCENT PROJECT COMPLETE: 78.00  
PERCENT TIME ELAPSED: 81.70

DATE SET FOR COMPLETION: 3 July 1996

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - No instructions given.

**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES**

Floodwall - Contractor set up I-wall forms for West Mono's #73, 78 and #80 and placed concrete in these same forms. Forms were cleaned and patched before they were used. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18", and was well vibrated. Demolished existing floodwall from West B/L 93+50 to 95+50 and East B/L Sta. 123+10 to 123+70. Cement finishers worked between Filmore and Mirabeau Ave., making spot repairs and moving their scaffolds.

Re-Steel - Sub Arcadia Re-bar tied resteel for West Mono's #77 and #82.

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
D. Beadle	Const. Insp.	8	QAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)**

Checked erosion control blankets on East levee between Sta. 120+30 to 126+50 and found it in good condition.

INSPECTOR'S SIGNATURE

David Beadle *David Beadle*

DATE

5/07/96

SUPERVISOR'S INITIALS

*YH*

DATE

5/9  
*W*





QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 5/03/96

REPORT NO.: 417

SKIES: Clear

RAIN: 0"

IN. TEMP.: 62 MIN 84 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.2) NOISE:

WORK PERFORMED/LOCATION

B+K Construction - Set forms and top re-steel mat at West Mono. #80. Placed concrete at West Mono's #73, #78, and #80 today. Poured concrete stabilization slab from West B Sta. 97+10 to Sta. 98+60. Cut existing MP-115 sheet piles at +6.75 for Temporary Flood Protection, and future concrete cap removal from West B Sta. 98+00 to Sta. 98+60. Demolished existing floodwall from West B Sta. 93+50 to Sta. 95+40, and from East B Sta. 123+10 to Sta. 123+70. Laborers cut grass and weeds on the East Bank. Cement finishing crew continued spot repairs between Filmore and Mirabeau Avenues, and moved scaffolds and equipment to North side of Filmore to continue patching and repair on these I-Walls.

Arcadia Rebar - Tied bottom Reinforcing steel at West Mono's #77 and #82, and pre-tied 2 more top mats for future placement in wall stem sections.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
	Unskilled		B+K Const.	(SEE ABOVE)
	Skilled		"	
1	Supt.	8	"	
1	Q.C. Rep.	8	"	
3	Skilled	12	Arcadia Rebar	(SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	6	2	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	5	3	—
Koehring 405 Crane	—	Yes	6	2	—
Welding Machine	—	No	0	8	—
Compressor	—	Yes	5	3	—
Komatsu 200 Exc. #2	—	Yes	6	2	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	NO	0	8	—

**MATERIALS RECEIVED**

Received 58 c.y. of concrete from Lafarge Concrete Company today, and placed this material as follows: 16.5 cubic yards in each of three West I-Wall Monoliths (#73, #78, and #80); and 8.5 c.y. in West Bank Stabilization slab. All material received today was mix Design #44-c.

**TESTS PERFORMED**

(As required by plans/specifications)

B+K Construction personnel tested and inspected concrete delivered by Lafarge today. Three test cylinders were molded (as always) from today's material, and will be delivered to the Government Lab by B+K Const. Co. on Monday. Find test results on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected all three I-wall Monoliths before placing any concrete in I-walls today. West Mono. #73 was previously inspected (5-2-96), but was re-checked again today. The stainless steel anchor bolts for Permanent Feeder Line relocation were installed correctly on all three forms. Waterstops were approved 3-bulb type, and installed at each end of West Monoliths #78 and #80 (#73 was a fill-in wall), with waterstops already cast into adjacent walls. Expansion material was installed at each end of Mono. #73 only. Chamfer strips ( $\frac{3}{4}$ " ) were installed on all three forms on all exposed corners. Reinforcing steel was in order, with bar sizes and counts correct on all three walls today. No problems with re-steel clearances were noted on any walls. Form check-out sheets (LMN Form 1246) were completed and signed by myself and the Government Q.A.R. prior to concrete placement.

JOB SAFETY

Checked rigging on concrete bucket - ordered a new safety latch kit for swivel hook. Old latch is not defective, but the spring is weak and we will replace it next week. Also ordered new nylon straps for lifting concrete cap sections. Old straps have some signs of wear and frayed fabric.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

5-6-96  
Date



**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	2	6	—
Case 580 Backhoe #2	—	No	0	8	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	3	5	—
Koehring 405 Crane	—	Yes	5	3	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	2	6	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE RECEIVED TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked forms and re-steel on West Mon. #75. Clearance was 2 1/2" to 3" at all points between forms and reinforcing steel. No dirt, debris, or oil was found on the re-steel, waterstop, or anchor bolts. Forms were clean and oiled prior to placing forms into their final position. Plumbness and alignment of forms were correct, within 0.02' plus or minus. Top of wall chamfer strips were set at elev. +14.42 Land Side, and +14.40 Canal Side.

JOB SAFETY

Checked scaffolds and ladders on West Mon. #75. Ladders were in like-new condition and tied off to scaffold platform. Scaffolds were in good condition, with handrails, mid-rails, and toe-boards in place.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

5-6-96  
Date

**B & K CONSTRUCTION COMPANY, INC**  
**LONDON VENUE CANAL FLOODWALL PROJECT**  
**CONCRETE FIELD DATA SUMMARY**

DATE: 5-3-96

Pour Location West I-Wall Monolith # 73, #78 + #80;

Supplier - LAFARGE CONCRETE COMPANY  
WEST STAB. SLAB → 97+10 to 98+60.

Type of Mix used # 44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
326478	7:40	8:25	3.5°	5 Gal.	4.0°	76° 75°	-	-	7:45	9
326522	8:30	9:45	2.25°	20 Gal.	4.5 <sup>x</sup>	76° 76°	6.0	-	8:35	9
326568	10:00	10:40	3.5°	5 Gal.	4.0°	76° 78°	-	-	10:10	9
326619	10:48	11:44	3.5°	5 Gal.	4.0 <sup>x</sup>	77° 80°	5.2	3	10:55	9
326666	12:05	12:45	3.5°	10 Gal.	4.5°	77° 82°	-	-	12:05	9
326699	1:00	1:30	4.0°	5 Gal.	5.0°	77° 82°	-	-	1:15	5
326769	2:40	3:15	2.5°	20 Gal.	5.0°	77° 84°	-	-	2:45	8

Test Cylinder Set #LA-177

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome



FOR CHECK OUT FOR

STRUCTURE  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH West# 23

LIFT NO. ONE

ELEVATION from 3.50 to 14.40

DATE OF POUR 5-3-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	5-2-96	10:00	D. Beadle	5/3/96	8:00
VERTICAL	✓	"	"	✓	~	~
ALIGNMENT	✓	"	"	✓	~	~
CLEANLINESS	✓	"	"	✓	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	5-2	10:00	D. Beadle	5/3/96	8:00
CLEANLINESS	✓	"	"	✓	~	~
WATERED	✓	"	"	✓	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	5-2	10:05	D. Beadle	5/3/96	8:00
VERTICAL	✓	"	"	✓	~	~
HORIZONTAL	✓	"	"	✓	~	~
SPACING	✓	"	"	✓	~	~
CLEARANCES	✓	"	"	✓	~	~
STEEL SCHEDULE	✓	"	"	✓	~	~
SHOP DRAWINGS	✓	"	"	✓	~	~
TIE WIRES	✓	"	"	✓	~	~
#6 BAR WELDED	✓	"	"	✓	~	~
CLEANLINESS	✓	"	"	✓	~	~
WATERED	✓	"	"	✓	~	~
E. FORMWORK	Jmd	5-2	10:10	D. Beadle	5/3/96	8:00
CONDITION	✓	"	"	✓	~	~



ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	5-2-96	10:10	D. Beadle	5/3/96	8:05		
CLEANLINESS		"	"	/				
RELEASING AGENT	✓	"	"	/				
TIES AND BOLTS	✓	"	"	/				
LENGTH 28.87'	✓	"	"	/				
WIDTH 1.75'-1.00'	✓	"	"	/				
HEIGHT 10.90'	✓	"	"	/				
WATERSTOPS	✓	"	"	/				
CHAMFER STRIPS	✓	"	"	/				
F. WEATHER PROTECTION	Jmj	5-2	10:15	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	5-2	10:15	"	"	"		
1. Ladder	✓	"	"	/				
2. Rigging	✓	"	"	/	✓	✓		
3. Eye Protection	✓	"	"	/				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-2	10:20	D. Beadle	"	"		
Exp. material	✓	"	"					
FL-400 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	7:45	2				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 76° ;							
	AIR TEMPS = 76° ; 3 Test Cylinders (LA-177)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

EO CHECK OUT FOR

STRUCTURAL  
 REINFOR.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

West # 78

one

from 3.50 to 14.40

5-3-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	5-3-96	8:40	D. Beadle	5/3/96	8:45
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	5-3	8:40	D. Beadle	5/3/96	8:45
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	5-3	8:45	D. Beadle	5/3/96	8:45
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	5-3	8:50	D. Beadle	5/3/96	8:45
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmd	5-3-96	8:50	D. Beadle	5-3-96	8:55
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.88'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmd	5-3	8:55	"	4	"
G. SAFETY (LIST)	Jmd	5-3	8:55	"	"	"
1. Ladder	✓	"	"	✓		
2. Scaffold	✓	"	"	✓		
3. Safety Glasses	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmd	5-3	9:00	"	"	"
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	CONTRACTOR				C.O.E.			
	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	10:00	1.75				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' Shot	"	"				
Generator	1	Gas Power	"	"				

J. REMARKS  
 SLUMP = 4.5" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 76° ;  
 AIR TEMPS = 78° ; 3 Test Cylinders (LA-177)

FINAL CLEARANCE  
 CONTRACTOR REPRS: Jerry M. Justice  
 C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

FOR CHECK OUT FOR

STRUCTURES  
 REINFOR.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 80

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 5-3-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	5-3-96	10:15	D. Beadle	5/3/96	10:30
VERTICAL	✓	"	"	—	—	—
ALIGNMENT	✓	"	"	—	—	—
CLEANLINESS	✓	"	"	—	—	—
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	5-3	10:15	D. Beadle	5/3/96	10:30
CLEANLINESS	✓	"	"	—	—	—
WATERED	✓	"	"	—	—	—
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	5-3	10:20	D. Beadle	5/3/96	10:30
VERTICAL	✓	"	"	—	—	—
HORIZONTAL	✓	"	"	—	—	—
SPACING	✓	"	"	—	—	—
CLEARANCES	✓	"	"	—	—	—
STEEL SCHEDULE	✓	"	"	—	—	—
SHOP DRAWINGS	✓	"	"	—	—	—
TIE WIRES	✓	"	"	—	—	—
#6 BAR WELDED	✓	"	"	—	—	—
CLEANLINESS	✓	"	"	—	—	—
WATERED	✓	"	"	—	—	—
E. FORMWORK	Jmj	5-3	10:25	D. Beadle	5/3/96	10:30
CONDITION	✓	"	"	—	—	—

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	<i>Jmj</i>	5-3-96	10:25	<i>D. Beadle</i>	5/3/96	10:30
CLEANLINESS	✓	"	"	✓	}	}
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.87'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	<i>Jmj</i>	5-3	10:30	<i>D. Beadle</i>	"	"
G. SAFETY (LIST)	<i>Jmj</i>	5-3	10:30	"	"	"
1. Eye Protection	✓	"	"	✓	}	}
2. Ladder	✓	"	"	✓		
3. Scaffold	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	5-3	10:30	<i>D. Beadle</i>	"	"
FL-400 Anchors	✓	"	"	✓	"	"

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:05	1.5				
Bucket	1	1.0 cu. y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS  
 SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 77° ;  
 AIR TEMPS = 82° ; 3 Test Cylinders (LA-177)  
 FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M Justice* C.O.E. REPRS: *David Beadle*

**INSTRUCTIONS**  
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
336

T Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Thursday  
2 May 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Clear and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100%	100%	100%	100%	100%

TEMPERATURE

MINIMUM	MAXIMUM
62	82

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.0 ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal RIVER STAGE  
FEET 1.1 TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 9	14 - 70	14 - 70	30 - 149

NUMBER OF SHIFTS

1  2  3

FROM	TO	FROM	TO	FROM	TO
0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Set up 2 I-wall forms, finishing previously poured monoliths.

Days of no work and reasons for same:

None

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 77.60  
PERCENT TIME ELAPSED: 81.56

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Contractor set up I-wall forms for West Mono's #73 and #78. Forms were cleaned and patched before they were set up. Cut off existing MP-115 sheet piles at elevation 6.75 for temporary flood protection and removed concrete caps between West B/L Sta. 97+50 to 98+00. Cement finishers completed repairs on East Mono #45, canal side.

Contractor shut down all work today at 12 noon for the annual crawfish boil at / <sup>their</sup> office in Mandeville.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Checked adjacent streets for debris or trash and found them clean.

INSPECTOR'S SIGNATURE <i>David Beadle</i> david beadle	DATE 5/03/96	SUPERVISOR'S INITIALS <i>gm</i>	DATE <i>5/9</i> 5/8/96
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**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	2	6	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator with concrete breaker	—	yes	4	4	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	5	3	—
J.S.W. Excavator	—				
Welding Machine	—	No	0	8	—
Compressor	—	yes	4	4	—
Komatsu 200 Exc. #2	—	yes	4	4	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE RECEIVED TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked elevations on formwork done today on the west Bank. Top of I-wall at West Mono. # 73 was +14.40 on Canal Side and +14.42 on Land Side. Top of Stabilization slab forms was +3.46, with 0.04' allowed for shimming forms up to Bttm. of I-wall plan elevation (+3.50). Haunch elevation was found to be elev. +7.00, plus or minus 0.02' (+7.00 at top of 1.75' wide bottom portion of I-wall). West Mono. #73 was completed and inspected today, to be poured at 7:30 AM tomorrow.

CREW KNOCKED OFF AT 12:00 NOON FOR B+K Construction Company's ANNUAL CRAWFISH BOIL IN MANDEVILLE TODAY.

JOB SAFETY

Checked nylon straps used for lifting concrete floodwall cap sections during demolition work. Some wear is beginning to show at the eyes on these two straps. New nylon chokers or straps were ordered today to replace worn straps.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

5-3-96  
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
335

TO: Area Engineer,  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Wednesday  
1 May 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100%	100%	100%	100%	100%

TEMPERATURE

MINIMUM	MAXIMUM
58	80

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.0	0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal ~~RIVER~~ STAGE

FEET	TIME
1.0	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 18	14 - 140	14 - 140	30 - 298

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3			
FROM	TO	FROM	TO
0700 M	1800 M		

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Poured 2 I-wall monoliths, finishing floodwalls.

Days of no work and reasons for same:

None

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 77.50  
PERCENT TIME ELAPSED: 81.44

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Observed contractor setting forms and placing concrete for West Mono's #71 and #76. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18", and was well vibrated. Hauled off pulled sheet piles used for temporary flood protection on east side of canal.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
D. Beadle	Const. Insp.	7	QAR
C. WAGNER	Civil Engr	2	PE

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Checked back alarm on Case 580 backhoe and found it working properly.

INSPECTOR'S SIGNATURE

david beadle

*David Beadle*

DATE

5/03/96

SUPERVISOR'S INITIALS

*ym*

DATE

5/8/96









QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator with concrete breaker	—	yes	6	2	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	5	3	—
Koehring 405 Crane	—	yes	6	2	—
<del>J.S.W. Excavator</del>	—				
Welding Machine	—	No	0	8	—
Compressor	—	yes	4	4	—
Komatsu 200 Exc. #2	—	yes	6	2	—
Koehring 535 Crane	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 33 cu. of Mix #44-c concrete from Lafarge Concrete Company today. Placed 16.5 cu. y. in each West I-Wall Monolith today (West #71 and #76).

TESTS PERFORMED

(As required by plans/specifications)

B&K Const. Co. tested concrete shown above. Results are found on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected Temp. Flood Protection today on the West Bank. The existing MP-115 sheet piles were cut off at elev. +6.75 to +7.00 and serve as a Temp. Cofferdam on this reach. No holes or gaps exist below elev. +6.75

Checked I-wall forms, re-steel, and all embedded items on West Monoliths #71 and #76 today. Pre-placement inspection checklist (LMN Form 1246) was completed as required. Plumbness had to be adjusted slightly on West Mono. #76 at North End, as it was found to be 3/8" out of plumb. Turnbuckles were used to adjust plumbness and alignment to bring form into tolerance. No other problems were noted today.

JOB SAFETY

Checked streets for dirt or debris from contractor's activities - No significant amount was found. Flagmen stopped and directed traffic on Filmore Avenue today for trucks and equipment.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry M. Justice  
Authorized Q C Representative

5-2-96

Date

FO CHECK OUT FOR

 STRUCTURE  
 REINFORC

CONCRETE FLOODWALL

 JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

West # 71

One

from 3.50 to 14.40

5-1-96

INSPECTED BY CONTRACTOR

REVIEWED BY C.O.E.

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	5-1-96	11:00	D. Beadle	5/1/96	11:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	5-1	11:00	D. Beadle	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	5-1	11:05	D. Beadle	"	"
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED "	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	5-1	11:05	D. Beadle	5-1	11:05
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmg	5-1-96	11:10	D. Beadle	5-1-96	11:10
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.86'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmg	5-1	11:15	D. Beadle	"	"
G. SAFETY (LIST)	Jmg	5-1	11:15	"	"	"
1. Ladders	✓	"	"	✓	2	2
2. Scaffolds	✓	"	"	✓	2	2
3. Rigging	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	5-1	11:15	D. Beadle	"	"
EXP. Material	✓	"	"	✓	2	2
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4.0" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 78° ;  
AIR TEMPS = 79° ; 3 Test Cylinders (LA-176)

FINAL CLEARANCE  
CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

CHECK OUT FOR  STRUCTURE REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 76 LIFT NO. one ELEVATION from 3.50 to 14.40 DATE OF POUR 5-1-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	5-1-96	1:00	D. Beadle	5/1/96	1:10
VERTICAL	✓			✓		
ALIGNMENT	✓			✓		
CLEANLINESS	✓			✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	5-1	1:00	D. Beadle		
CLEANLINESS	✓			✓		
WATERED	✓			✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	5-1	1:05	D. Beadle	"	"
VERTICAL	✓			✓		
HORIZONTAL	✓			✓		
SPACING	✓			✓		
CLEARANCES	✓			✓		
STEEL SCHEDULE	✓			✓		
SHOP DRAWINGS	✓			✓		
TIE WIRES	✓			✓		
#6 BAR WELDED	✓			✓		
CLEANLINESS	✓			✓		
WATERED	✓			✓		
E. FORMWORK	Jmj	5-1	1:05	D. Beadle	5/1/96	1:15
CONDITION	✓			✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	5-1-96	1:10	D. Beadle	5-1-96	1:15
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.89'	✓	"	"	✓		
WIDTH 1.75 - 1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	5-1	1:15	D. Beadle	"	"
G. SAFETY (LIST)	Jmj	5-1	1:15	"	"	"
1. Rigging	✓	"	"	✓		
2. Eye Protection	✓	"	"	✓		
3. Ladder & Scaffold	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	5-1-96	1:20	D. Beadle	"	"
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	CONTRACTOR				C.O.E.			
	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:35	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator		Gasoline	"	"				

J. REMARKS  
 SLUMP = 4.5" ; AIR ENTR. = 5.4% ; CONCRETE TEMPS = 77° ;  
 AIR TEMPS = 82° ; 3 Test Cylinders (LA-176)  
**FINAL CLEARANCE**

CONTRACTOR REPRS: Jerry M Justice C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

**B & K CONSTRUCTION COMPANY, INC**  
**LONDON VENUE CANAL FLOODWALL PROJECT**  
**CONCRETE FIELD DATA SUMMARY**

DATE: 5-1-96

Pour Location West I-Wall Monolith #71 + #76

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CNPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
325916	11:30	11:55	3.25°	5 Gal.	4.0 <sup>x</sup>	78° 79°	6.0	3	11:45	8.5
325943	12:15	12:55	3.0°	10 Gal.	4.5°	78° 80°	-	-	12:20	8
325969	1:37	2:05	3.0°	10 Gal.	4.5 <sup>x</sup>	77° 82°	5.4	-	1:45	8.5
326002	2:12	2:55	3.25°	5 Gal.	4.0°	77° 82°	-	-	2:15	8

Test Cylinder Set #LA-176

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
334

TO: Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Tuesday  
30 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
--------------------------------	----------------------------	---------------------	-------------------	--------------------

TEMPERATURE	
MINIMUM 58	MAXIMUM 80

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
-------------	--------	--------	---------------------	----------------	-------

Canal	RIVER STAGE
FEET 1.0	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 18	SKILLED 14 - 140	LABORERS 14 - 140	TOTAL 30 - 298
-----------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
FROM 0700 M	TO 1800 M	TO M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Poured 2 i-wall monoliths, demolishing existing floodwall, finishing completed floodwalls.

Days of no work and reasons for same:

100% days lost - 15, 23 and 29 April 1996  
50% days lost - 1 and 16 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 77.30  
PERCENT TIME ELAPSED: 81.32

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.



RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall- Observed contractor pouring concrete for West Mono's #71 and #76. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18", and was well vibrated. Cut existing MP-115 sheet piles to elev. 6+75 for temporary flood protection and concrete cap removal between West B/L Sta. 96+75 to 97+75. Demolished existing floodwall between East B/L Sta. 122+50 to 123+10. Cement finishers completed repairs on East Mono's #47 and #46 - canal side.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked fuel storage tank for leaks or spills and found none.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

D. Beadle

*David Beadle*

5/03/96

*Yed*

*W*

5/7/96

*SA*





**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	3	5	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	3	5	—
Case 580 Backhoe #1	—	Yes	3	5	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	4	4	—
Koehring 405 Crane	—	Yes	6	2	—
<del>Case 580 Excavator</del>	—	—	—	—	—
Welding Machine	—	Yes	3	5	—
Compressor	—	Yes	5	3	—
Komatsu 200 Exc. #2	—	Yes	6	2	—
Koehring 535 Crane	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 34 c.y. of concrete from Lafarge Concrete Company today (Mix Design #44-C), and placed 17 c.y. in West Mono. #69 and 17 c.y. in West Mono. #74. No problems were observed with concrete material received today.

**TESTS PERFORMED**

(As required by plans/specifications)

B+K Construction tested and inspected concrete delivered by Lafarge Conc. Co. today. Find test results on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected formwork at West Monoliths #69 and #74 today. Formwork checklist was completed prior to placing any concrete in these forms. Expansion material, water stop, chamfer strip, stainless steel anchor bolts (for permanent Feeder Line Relocation), and reinforcing steel were all installed correctly. Slight adjustment was necessary on West Mono #74 to get proper clearance at North + South ends of the form. Steel mat had shifted over to one end, and had to be tied back in position with 3" clearance each end. No other problems were found. Placement methods and consolidation of concrete were correct, with each 18" layer placed + vibrated before starting the next lift. Concrete material was received and placed within 90 minutes or less from time batched out. Slump and air content and temperature of concrete were correct, within specified tolerances.

JOB SAFETY

Checked ladders on the West Bank at form scaffolds. Fiberglass ladders were heavy duty construction grade, in good condition, and set firmly on level ground. Three feet of ladder extended above the scaffold platform, and the top of the ladder was tied off with wire for safety.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized C C Representative

5-1-96  
Date

FO CHECK OUT FOR

STRUCTURES  
 REINFOR

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH West # 74

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-30-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-30	12:40	D. Bealle	4-30	12:45
VERTICAL	✓			—	—	—
ALIGNMENT	✓			—	~	~
CLEANLINESS	✓			—	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-30	12:40	D. Bealle	4-30	12:45
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-30	12:45	D. Bealle	4-30	12:45
VERTICAL	✓			—	—	—
HORIZONTAL	✓			—	~	~
SPACING	✓			—	~	~
CLEARANCES	✓			—	~	~
STEEL SCHEDULE	✓			—	~	~
SHOP DRAWINGS	✓			—	~	~
TIE WIRES	✓			—	~	~
#6 BAR WELDED	✓			—	~	~
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
E. FORMWORK	Jmj	4-30	12:45	D. Bealle	4-30	12:45
CONDITION	✓			—	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	4-30	12:50	D. Beadle	4-30	12:50
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.87'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	4-30	12:55	D. Beadle	"	"
G. SAFETY (LIST)	Jmj	4-30	12:55	"	"	"
1. Ladder	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Rigging	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-30	1:00	D. Beadle	"	"
FL-400 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4.5" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 71° ;  
AIR TEMPS = 71° ; 3 Test Cylinders (LA-175)

FINAL CLEARANCE  
CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

CHECK OUT FOR

STRUCTURES  
 REINFOR.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 69

LIFT NO. ONE

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-30-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmf	4-30	9:30	D. Beadle	4-30	9:40
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmf	4-30	9:30	D. Beadle	4-30	9:40
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmf	4-30	9:35	D. Beadle	4-30	9:40
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmf	4-30	9:40	D. Beadle	4-30	9:40
CONDITION	✓	"	"	✓	✓	✓



ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	4-30	9:40	D. Beadle	4-30	9:40
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.85'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	4-30	9:45	D. Beadle	"	"
G. SAFETY (LIST)	Jmj	4-30	9:45	✓	"	"
1. Eye Protection	✓	"	"	✓		
2. Ladder	✓	"	"	✓	2	2
3. Scaffold	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-30	9:50	D. Beadle	"	"
EXP. Material	✓	"	"	✓	2	2
FL-400 Anchors	✓	"	"	✓	2	2

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:05	1.25				
Bucket	1	1.0 Cy.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 70° ;  
 AIR TEMPS = 71° ; 3 Test Cylinders (LA-175)  
 FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: David Beadle

**INSTRUCTIONS**  
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-30-96

Pour Location West I-Wall Monolith #69 + 74

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
325581	12:04	12:34	3.0°	10 Gal.	4.0 <sup>x</sup>	70° 71°	5.0	3	12:10	9
325601	12:45	1:20	4.0°	.0	4.0°	70° 71°	-	-	12:50	9
325629	2:09	2:31	3.5°	10 Gal.	4.5 <sup>x</sup>	71° 71°	5.6	-	2:15	9
325657	3:35	3:55	4.0°	.0	4.0°	70° 71°	-	-	3:40	6
325692	5:15	5:18	1.0°	5 Gal.	5.0°	71° 69°	-	-	5:20	1

Test Cylinder Set #LA-175

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:

Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
333

TO Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Saturday - Monday  
27 - 29 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy and rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %
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TEMPERATURE

MINIMUM 66	MAXIMUM 76
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.5	ENDING 0730 M
---------------	------------------

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
-------------	--------	--------	---------------------	----------------	-------

FEET 1.9	TIME 0800 M
-------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY 2 - 14	SKILLED 17 - 97	LABORERS 12 - 70	TOTAL 31 - 181	FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a. Set up floodwall forms, finishing floodwall.
- b. Tying re-steel.

Days of no work and reasons for same:

100% days lost - 15 and 23 April 1996  
50% days lost - 1 and 18 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Contractor attempted to work but shut down due to severe weather passing thru the area.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 77.00  
PERCENT TIME ELAPSED: 81.20

QC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Contractor set up and cleaned I-wall forms on west side of canal. No concrete was placed due to severe weather warning. Cement finishers finishing floodwall on canal side West Mono's #50 to #49. Work was shut down at 12:30 pm due to rain.  
Re-steel - Tied re-steel for Mono's #76 and #77 on west side of canal.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL:

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS.

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked erosion control silt fencing around the jobsite and found in good condition.

INSPECTOR'S SIGNATURE David Beadle david beadle	DATE 5/02/96	SUPERVISOR'S INITIALS yww	DATE 5/7/96
---	-----------------	------------------------------	----------------



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/29/96

REPORT NO.: 413

SKIES: Cloudy

RAIN:

IN. TEMP.: 66 MIN 76 MAX

DUST: NONE

LEVEE CONDITION: WET CANAL GAUGE: (1.9) NOISE: Minimal

100% Lost Production - WORK PERFORMED/LOCATION  
 Rain + Wet Soil.

4-27-96 Saturday - NO WORK PERFORMED

4-28-96 Sunday - NO WORK PERFORMED

4-29-96 Monday - B+K Construction - Wrecked forms at West Monolith #67, then patched holes and covered this wall with wet burlene. Set forms and top re-steel at West Mono. #69 (not poured yet). Loaded up and hauled off two truckloads of Temp. Cofferdam sheet piles today. Cement finishers worked on Canal Side repairs of West Monoliths #50 and #49 (not completed yet). Laborers continued cutting grass and weeds on the West Bank. Carpenters continued modifying I-wall forms for West Bank I-wall monoliths.

Arcadia Rebar - Tied bottom re-steel at West Monoliths #76 and #77, then pre-tied 3 top re-steel mats for future placement in I-wall stem sections.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	70	B+K Const.	(SEE ABOVE)
14	Skilled	85	"	
1	Supt.	6	"	
1	Q.C. Rep.	8	"	
3	Skilled	12	Arcadia Rebar	(SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	3	5	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	3	5	—
Koehring 405 Crane	—	yes	5	3	—
<del>J.S.W. Excavator</del>	—				
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	3	5	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE RECEIVED TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected reinforcing steel tied by sub-contractor ARCADIA REBAR on the West Bank today. #6 bottom vertical bent bars were passed through holes cut in C2-101 sheet piles  $\pm 4"$  above the top of the slab, Slab, and spaced at 12" centers - maximum (some spaces were 10"-11" due to avoiding sheet pile interlocks). Total number of vertical bars was 66 - 33 each side (Shop drawings call for 64 bars, but 66 are required in field application to miss interlocks). Horizontal bars were #5 bars 28'-6" long, spaced 9" apart on centers (5 each face on bottom section of I-wall), #5 bars 5'-0" long, were tied at each end on each face of the wall, in between full length horizontals (8 bars total), #5 U-Bars were passed through handling holes (16 bars total) of C2-101 sheet piles and tied to vertical steel, #4 U-Bars were tied at each end of the monoliths on 9" centers as shown on Shop drawings. Re-steel was tied approx. 75%. No dirt, debris, oil or heavy rust was present on re-steel.

JOB SAFETY

Held the weekly safety meeting in the yard at Pratt and R.E. Lee Blvd. today at 9:00 AM. See attached minutes for topics discussed.

Clearance on Sewerage + Water Board Electric Feeder Lines was received this morning from Central Control before going to work. When first rain shower hit, our people were moved clear of FL-400, and power restored.

REMARKS

\* Due to rain in the area, we had to release the electric feeder lines so that the S. + W. Board of New Orleans could pump water (approx. 9:00 AM). We are requesting 100% lost production due to this fact and the heavy rain storms at 12:30 PM that shut down all work.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-30-90  
Date



MINUTES OF SAFETY MEETING

DATE: 4-29-96

TIME: 7:00 Am

PROJECT: London Avenue Canal Floodwall  
DACW-29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

~~Steve King~~  
~~John Kent~~  
~~Rayford Mack~~  
~~Frank Bernard~~  
~~Kevin Dorsey~~  
~~Ernie Bailey~~  
~~Reggie Poole~~  
~~Richard Alath~~  
~~Bryan Lyden~~  
~~David Lurel~~  
~~Jerry Justice~~

G.M. Brown  
M. Dixon

Aspen Lither Steve Stone  
Rayford Mack  
FRANK BERNARD  
Kevin Dorsey  
Ernie Bailey  
Reggie Poole  
Richard Alath  
Bryan Lyden  
David Lurel  
Jerry Justice

TOPICS DISCUSSED:

Discussed ways to protect yourself from HEAT STROKE and HEAT EXHAUSTION. Eating right, with vitamin supplement, is one way to avoid heat exhaustion or stroke. The clothing you wear should be of breathable fabric, and light colored. Drink plenty of liquids, and stay alert for signs of heat stroke or heat exhaustion. Move into the shade and remove clothing if necessary to cool off. Cool water (not ice, cold) can be used to dip arms into or used with a towel to lower the body temperature. Replenishing fluids is extremely important, as the outside air temp. rises and sweating becomes profuse. Sports drinks can be helpful in replacing lost potassium, carbohydrates and electrolytes.

COMMENTS:

Workers asked for a new electric extension cord to replace one that is damaged. Also asked for more rubber gloves for hand protection while using cementitious products or placing concrete. I will order these safety items personally today.

*Mike Jassi*

CONTRACTOR'S SUPERINTENDENT

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
332

TO Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Friday  
26 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE %
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TEMPERATURE  
MINIMUM 64 MAXIMUM 87

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.0 ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
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Canal RIVER STAGE  
FEET 1.8 TIME 0730 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 18	SKILLED 14 - 115	LABORERS 14 - 110	TOTAL 30 - 243
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NUMBER OF SHIFTS

1  2  3

FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Formed and poured 2 monoliths, finishing floodwall, removing concrete caps.

Days of no work and reasons for same:

100% days lost - 15 and 23 April 1996  
50% days lost - 1 and 18 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 77.00  
PERCENT TIME ELAPSED: 80.87

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No Instructions given.

**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES**

Floodwall - Observed contractor setting forms and pouring concrete for West Mono's #67 and #72. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18", and was well vibrated. Pulled and stacked temporary sheet piles on east levee. Cement finishers completed repairs on West Mono's #47 to #50 land-side only. Removed existing concrete cap from West B/L Sta. 91+50 to 92+75.

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	OAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)**

Checked for fuel leaks on Koehring 405 crane and found none.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 4/30/96	SUPERVISOR'S INITIALS <i>W</i>	DATE <i>5/2/96</i>
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**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	4	4	—
Kubota 151 Excavator with concrete breaker	—	yes	5	3	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	6	2	—
Welding Machine	—				
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	6	2	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 34 cubic yards of concrete from Lafarge Concrete Company (mix Design #44-C) today. Placed this material as follows: 17 c.y. in West Mono. #67 and 17 c.y. in West Mono. #72. Delivery tickets were furnished to the Government, along with all necessary batch information.

**TESTS PERFORMED**

(As required by plans/specifications)

B&K Construction tested and inspected concrete delivered by Lafarge Conc. Co. today. Find results on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected cathodic protection work done today on the West bank. #6 rebar was tack welded to the top of the C2-101 sheet piles at monoliths shown on Page #1. Welds were checked to insure a good bond with C2-101 sheet piles. Rebar was welded to each piece of sheet pile, but did not extend through monolith joints. No dirt, debris, oil, or heavy rust was present on the #6 bar or sheet piles. Bond cables were installed by exothermic welding (Cadwelds by Erico Products) at monolith joints shown on Page #1. Welds were checked to insure that the cables were securely bonded to the sheet piles. Epoxy coating caps were used to cover exposed wire and weld area. Existing soil was used to backfill holes, and then compacted by hand tamping.

JOB SAFETY

Checked to make sure that laborers were wearing eye protection while cutting weeds with the gas powered trimmer today. The workers were wearing safety glasses with side shields, and leather gloves.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-29-96  
Date

B & K CONSTRUCTION COMPANY, INC  
 LONDON VENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-26-96

Pour Location West I-Wall Monoliths #67 and #72.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
324970	12:40	12:41	2.5 <sup>o</sup>	15 Gal.	4.0 <sup>x</sup>	82° 86°	5.0	-	11:45	9
324995	12:19	12:50	2.75 <sup>o</sup>	10 Gal.	4.0 <sup>o</sup>	81° 86°	-	-	12:25	8
325036	1:36	2:02	3.0 <sup>o</sup>	10 Gal.	4.25 <sup>x</sup>	82° 86°	5.6	2	1:45	9
325057	2:35	3:15	4.0 <sup>o</sup>	-0-	4.0 <sup>o</sup>	80° 84°	-	-	2:40	8

Test Cylinder set #LA-174

NOTE: "x" = Acutal Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thorne



FORM CHECK OUT FOR  STRUCTURES  REINFOR  CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 72 LIFT NO. one ELEVATION from 3.50 to 14.40 DATE OF POUR 4-26-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmf	4-26-96	1:15	D. Beadle	4/26/96	1:20
VERTICAL	✓	"	"	—	~	~
ALIGNMENT	✓	"	"	—	~	~
CLEANLINESS	✓	"	"	—	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmf	4-26	1:15	D. Beadle	4/26/96	1:20
CLEANLINESS	✓	"	"	—	~	~
WATERED	✓	"	"	—	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmf	4-26	1:20	D. Beadle	4/26/96	1:20
VERTICAL	✓	"	"	—	~	~
HORIZONTAL	✓	"	"	—	~	~
SPACING	✓	"	"	—	~	~
CLEARANCES	✓	"	"	—	~	~
STEEL SCHEDULE	✓	"	"	—	~	~
SHOP DRAWINGS	✓	"	"	—	~	~
TIE WIRES	✓	"	"	—	~	~
#6 BAR WELDED	✓	"	"	—	~	~
CLEANLINESS	✓	"	"	—	~	~
WATERED	✓	"	"	—	~	~
E. FORMWORK	Jmf	4-26	1:25	D. Beadle	4-26-96	1:20
CONDITION	✓	"	"	—	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-26	1:25	D. Beadle	4-26	1:30		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.85'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-26	1:30	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	4-26	1:30	✓	✓	✓		
1. Scaffold	✓	"	"	✓	✓	✓		
2. Eye Protection	✓	"	"	✓	✓	✓		
3. Ladder	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-26	1:30	D. Beadle	✓	✓		
FL-400 Anchors		"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:35	1.75				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 82° ; AIR TEMPS = 86° ; 3 Test Cylinders (LA-174)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

✓ CHECK OUT FOR

☐ STRUCTURE'S

☒ REINFORCING

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 67

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-26-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-26-96	11:00	D. Beadle	4-26-96	11:05
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓	~	~
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-26	11:00	D. Beadle	4-26-96	11:05
CLEANLINESS	✓	"	"	✓	~	~
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-26	11:05	D. Beadle	4-26-96	"
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓	~	~
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	4-26	11:10	D. Beadle	4-26-96	"
CONDITION	✓	"	"	✓	~	~

ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	Jmj	4-26	11:10	D. Beadle	4-26-96	11:20			
CLEANLINESS	✓	"	"	✓					
RELEASING AGENT	✓	"	"	✓					
TIES AND BOLTS	✓	"	"	✓					
LENGTH 28.86'	✓	"	"	✓					
WIDTH 1.75'-1.00'	✓	"	"	✓					
HEIGHT 10.90'	✓	"	"	✓					
WATERSTOPS	✓	"	"	✓					
CHAMFER STRIPS	✓	"	"	✓					
F. WEATHER PROTECTION	Jmj	4-26	11:10	D. Beadle	-	-			
G. SAFETY (LIST)	Jmj	4-26	11:15	D. Beadle	-	-			
1. Ladder	✓	"	"	✓	?	?			
2. Scaffold	✓	"	"	✓	?	?			
3. Eye Protection	✓	"	"	✓	?	?			
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-26	11:15	D. Beadle	-	-			
Exp. Material	✓	"	"	✓	?	?			
FL-400 Anchors	✓	"	"	✓	?	?			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	11:40	1.25					
Conc. Bucket	1	1.0 C.Y.	"	"					
Conc. Vibrator	1	18' shaft	"	"					
Generator	1	Gas Powered	"	"					
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 82° ;								
	AIR TEMPS = 86° ; 3 Test Cylinders (LA-174)								
	FINAL CLEARANCE								
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle				
INSTRUCTIONS									
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.									

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER 331

TO Area Engineer,  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Thursday  
25 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Clear and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE  
MINIMUM 60 MAXIMUM 85

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.0 ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 3	TOTAL 1 - 8	LABOR
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Canal RIVER STAGE  
FEET 2.0 TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 20	SKILLED 14 - 135	LABORERS 15 - 145	TOTAL 31 - 300	FROM 0700 M	TO 1800 M
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NUMBER OF SHIFTS  1  2  3

FROM	TO	FROM	TO
M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Formed and poured 2 monoliths, finishing floodwall.

Days of no work and reasons for same:

100% days lost - 15 and 23 April 1996  
50% days lost - 1 and 18 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.  
Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996 PERCENT PROJECT COMPLETE: 76.30  
PERCENT TIME ELAPSED: 80.75

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.

**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES**

Floodwall - Observed contractor setting forms and pouring concrete for West Mono's #59 and #70. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Pulled and stacked temporary sheet piles between East B/L Sta. 87+50 to 85+60. Cut existing MP-115 sheet piles at elevation 6.75 between West B/L Sta. 93+80 to 96+75. Continued breaking concrete cap on East wall between B/L Sta. 123+00 to 125+00.

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL:**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	QAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)**

Checked hoist cable on Mantis 3612 crane and found wire in good condition with no kinks or breaks in it.

INSPECTOR'S SIGNATURE david beadle <i>David Beadle</i>	DATE 4/26/96	SUPERVISOR'S INITIALS <i>YW</i>	DATE <i>4/29/96</i>
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**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	yes	4	4	—
Kubota 151 Excavator with Concrete Breaker	—	yes	6	2	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
Welding Machine	—	No	0	8	—
Compressor	—	yes	4	4	—
Komatsu 200 Exc. #2	—	yes	6	2	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 35 c.y. of Concrete (Mix #44-C) from Lafarge Conc. Co. today and placed this material as follows: 16.5 c.y. in West Mono #59; 16.5 c.y. in West Mono #70; 2 c.y. in West Bank Stab. Slab. Delivery tickets and batch info. were furnished to the Gov't. Inspector on site today.

**TESTS PERFORMED**

(As required by plans/specifications)

BTK Const. Co. personnel tested and inspected concrete material delivered by Lafarge Conc. Co. today. Find results on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded as always, to be delivered to the Gov't. Lab by BTK Construction.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected concrete placement methods being used on the west Bank at T-wall moulds today. A hopper with trimmie chutes attached were used to keep the vertical drop distance to less than 5'. Three trimmie trunks of different lengths were used as follows; the first 2 layers were poured with 8' of trimmie; a 5' trimmie was then used to pour the next 2 lifts; a 3' trimmie was used to pour the next 2 lifts; the last 2 lifts were poured with only the hopper and no trimmie trunk was required. All layers of concrete were 18" thick, and consolidated using a 2.4" vibrator head on an 18' long shaft. The placement of concrete, once started, was continuous until completed. No problems were observed with placement methods today.

JOB SAFETY

Checked cords on power tools used by carpenters today. No insulation was found damaged. Ground plugs were intact. Ground fault interrupter was in good working condition on generator being used in the field.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-26-96  
Date

FORM CHECK OUT FOR

STRUCTURES  
 REINFORC CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 59

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-25-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	4-25-96	11:10	D. Bealle	4/25/96	11:15
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	4-25	11:10	D. Bealle	4/25/96	11:15
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	4-25	11:15	D. Bealle	4/25/96	11:15
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	4-25	11:20	D. Bealle	4/25/96	11:15
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMD	4-25	11:20	D. Beadle	4/25/6	11:20		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 29.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	JMD	4-25	11:25	D. Beadle	"	"		
G. SAFETY (LIST)	JMD	4-25	11:25	"	"	"		
1. Ladder	✓	"	"	✓	~	~		
2. Scaffold	✓	"	"	✓	~	~		
3. Rigging	✓	"	"	✓	~	~		
H. OTHER CHECKS PER SPECIFIC JOB	JMD	4-25	11:25	"	"	"		
Exp. Material	✓	"	"	✓	~	~		
FL-400 Anchors	✓	"	"	✓	~	~		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:50	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/2" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 80° ; AIR TEMPS = 84° ; 3 Test Cylinders (LA-173) <b>FINAL CLEARANCE</b>							
CONTRACTOR REPRS:	Jerry M. Justice			C.O.E. REPRS: David Beadle				
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FORM CHECK OUT FOR

STRUCTURES  
 REINFORC CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

West # 70

LIFT NO.

one

ELEVATION

from 3.50 to 14.40

DATE OF POUR

4-25-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-25-96	12:40	D. Beadle	4-25-96	12:45
VERTICAL	✓	"	"	—	~	~
ALIGNMENT	✓	"	"	—	~	~
CLEANLINESS	✓	"	"	—	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-25	12:40	D. Beadle		
CLEANLINESS	✓	"	"	—	~	~
WATERED	✓	"	"	—		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-25	12:45	D. Beadle	"	"
VERTICAL	✓	"	"	—	~	~
HORIZONTAL	✓	"	"	—	~	~
SPACING	✓	"	"	—	~	~
CLEARANCES	✓	"	"	—	~	~
STEEL SCHEDULE	✓	"	"	—	~	~
SHOP DRAWINGS	✓	"	"	—	~	~
TIE WIRES	✓	"	"	—	~	~
#6 BAR WELDED	✓	"	"	—	~	~
CLEANLINESS	✓	"	"	—	~	~
WATERED	✓	"	"	—	~	~
E. FORMWORK	Jmj	4-25	12:50	D. Beadle	"	"
CONDITION	✓	"	"	—	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmJ	4-25	12:50	D. Beadle	4/25/98	12:45		
CLEANLINESS	/	"	"	/				
RELEASING AGENT	/	"	"	/				
TIES AND BOLTS	/	"	"	/				
LENGTH 28.87'	/	"	"	/				
WIDTH 1.75'-1.00'	/	"	"	/				
HEIGHT 10.90	/	"	"	/				
WATERSTOPS	/	"	"	/				
CHAMFER STRIPS	/	"	"	/				
F. WEATHER PROTECTION	JmJ	4-25	12:55	"	"	"		
G. SAFETY (LIST)	JmJ	4-25	12:55	"	"	"		
1. Ladder	/	"	"	/				
2. Scaffold	/	"	"	/				
3. Rigging check	/	"	"	/				
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	4-25	1:00	"	"	"		
FL-400 Anchors	/	"	"	/				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	2:20	1.75				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/4" ; AIR ENTR. = 4.9% ; CONCRETE TEMPS = 80° ;							
	AIR TEMPS = 84° ; 3 Test Cylinders (LA-173)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry N. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-25-96

Pour Location West I-Wall Monolith #59 + #70.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
324589	11:50	12:20	2.5°	25 Gal.	4.5 <sup>x</sup>	80° 84°	6.0	3	12:00	9
324631	12:34	1:20	3.0°	10 Gal.	4.0°	78° 84°	-	-	2:25	9
324676	2:20	2:50	2.0°	20 Gal.	4.25 <sup>x</sup>	80° 84°	4.9	-	2:30	9
324783	3:15	4:05	3.75°	0	3.75°	79° 83°	-	-	3:20	8

Test Cylinder Set #LA-173

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
330

TO: Area Engineer, CELMN-CD-NO COPY TO: C/Const. Div. CELMN-CD

DATE  
Wednesday  
24 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal, Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Clear and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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TEMPERATURE	
MINIMUM 58	MAXIMUM 80

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 3	TOTAL 1 - 8	LABOR
-------------	--------	--------	---------------------	----------------	-------

FEET 1.5	TIME 0800 M
-------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 18	SKILLED 14 - 150	LABORERS 15 - 150	TOTAL 31 - 318
-----------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
---------------------------------------	----------------------------	----------------------------

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Formed and poured 2 monoliths, pulling temporary sheetpiles and finishing floodwalls.

Days of no work and reasons for same:

- 100% days lost - 15 April 1996
- 50% days lost - 1 and 18 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 76.40  
PERCENT TIME ELAPSED: 80.62

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.



**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES**

Floodwall - Observed contractor setting forms and pouring concrete for West Mono's #66 and #68. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut holes for re-bar for West Mono #85 thru 91. Cut existing MP-115 sheet piles at elev. 6.75 for temporary flood protection and removing concrete caps between West B/L Sta. 91+80 to 93+80. Cement finishers completed repairs on East Mono's #45 and #46, landside. Pulled temporary sheet piles between East B/L Sta. 87+50 to 90+00.

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL:**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

GOVERNMENT PERSONNEL ON SITE			
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	8	QAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)**

Contractor's personnel using cutting torches used leather gloves, welding goggles during cutting of sheetpiles.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 4/26/96	SUPERVISOR'S INITIALS <i>Yud</i>	DATE 4/28/96
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**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	yes
Komatsu D37P Dozer	—	yes	3	5	—
Kubota 151 Excavator	—	yes	6	2	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	5	3	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	8	0	—
Koehring 405 Crane	—	yes	6	2	—
Welding Machine	—	No	0	8	—
Compressor	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	5	3	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 34 cubic yards of concrete (Mix. Design #44-C) from Lafarge Conc. Co. today, and placed this material as follows; 17 c.y. in West Mono. #66 and West Mono. #68. Delivery tickets and batch weights were furnished with the material.

Barnes Electric Company delivered the final 432 Stainless steel bolts for Electric Feeder Line Relocation today, with double washers and nuts.

**TESTS PERFORMED  
(As required by plans/specifications)**

BTK Construction Company tested and inspected concrete delivered by Lafarge today. Find results of these inspections and tests on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked reinforcing steel at West Mono's #66 and #68. Clearances were correct, except at West Mono, #66 on the very top of the wall. Dore bar supports were added to chair the steel off of the Canal side Wall 3". Bar Count, Sizes, and spacing were all found to be correct on both walls today. No dirt, oil, or debris were found on the reinforcing steel.

Also checked sheet pile cut-off work done on the West Bank. Existing MP-115 sheets were being cut at elev. +6.75 for approx. 90% of the area, with 10% left uncut to support the concrete cap until time of removal. This work facilitates cap removal and Temp. Flood Protection both at the same time. After new I-wall is completed, the MP-115 sheets will be pulled up for salvage.

JOB SAFETY

Checked rigging on concrete bucket today. Wire rope slings and shackles were in good condition. Swivel hook safety latch was in good working condition.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry M Justice  
Authorized Q C Representative

4-25-96  
Date

FORM CHECK OUT FOR

STRUCTURES  
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.  
 DACW29-94-C-0079

MONOLITH  
 West # 66

LIFT NO.  
 one

ELEVATION  
 from 3.50 to 4.40

DATE OF POUR  
 4-24-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-24-96	11:30	D. Beadle	4-24-96	12:00
VERTICAL	✓	"	"	—	~	~
ALIGNMENT	✓	"	"	—	~	~
CLEANLINESS	✓	"	"	—	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-24	11:30	D. Beadle	4-24-96	12:00
CLEANLINESS	✓	"	"	—	~	~
WATERED	✓	"	"	—	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-24	11:35	D. Beadle	4-24-96	12:00
VERTICAL	✓	"	"	—	~	~
HORIZONTAL	✓	"	"	—	~	~
SPACING	✓	"	"	—	~	~
CLEARANCES	✓	"	"	—	~	~
STEEL SCHEDULE	✓	"	"	—	~	~
SHOP DRAWINGS	✓	"	"	—	~	~
TIE WIRES	✓	"	"	—	~	~
#6 BAR WELDED	✓	"	"	—	~	~
CLEANLINESS	✓	"	"	—	~	~
WATERED	✓	"	"	—	~	~
E. FORMWORK	Jmj	4-24	11:40	D. Beadle	4-24-96	12:00
CONDITION	✓	"	"	—	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-24	11:40	D. Beadle	4/24/96	12:05		
CLEANLINESS	✓	"	"	-				
RELEASING AGENT	✓	"	"	-				
TIES AND BOLTS	✓	"	"	-				
LENGTH 28.85'	✓	"	"	-				
WIDTH 1.75'-1.00'	✓	"	"	-				
HEIGHT 10.90'	✓	"	"	-				
WATERSTOPS	✓	"	"	-				
CHAMFER STRIPS	✓	"	"	-				
F. WEATHER PROTECTION	Jmj	4-24	11:45	-				
G. SAFETY (LIST)	Jmj	4-24	11:45	D. Beadle	4/24/96	12:05		
1. Ladder	✓	"	"	-	2	2		
2. Scaffold	✓	"	"	-	2	2		
3. Eye Protection	✓	"	"	-				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-24	11:50	D. Beadle	4/24/96	12:05		
Expansion Material	✓	"	"	-	2	2		
FL-400 Anchors	✓	"	"	-				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:00	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gas Powered	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 77° ;							
	AIR TEMPS = 84° ; 3 Test Cylinders (LA-172)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FORM CHECK OUT FOR

STRUCTURES  
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 68

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-24-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-24-96	3:00	D. Beadle	4-24-96	3:05
VERTICAL	/	"	"	/		
ALIGNMENT	/	"	"	/	} }	} }
CLEANLINESS	/	"	"	/		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-24	3:00	D. Beadle	4-24-96	3:05
CLEANLINESS	/	"	"	/		
WATERED	/	"	"	/	z z	z z
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-24	3:05	D. Beadle	4/24/96	3:05
VERTICAL	/	"	"	/		
HORIZONTAL	/	"	"	/		
SPACING	/	"	"	/		
CLEARANCES	/	"	"	/		
STEEL SCHEDULE	/	"	"	/		
SHOP DRAWINGS	/	"	"	/		
TIE WIRES	/	"	"	/		
#6 BAR WELDED	/	"	"	/		
CLEANLINESS	/	"	"	/		
WATERED	/	"	"	/		
E. FORMWORK	Jmj	4-24	3:10	D. Beadle	4/24/96	3:05
CONDITION	/	"	"	/	z z	z z



ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-24	3:10	D. Beadle	4/24/96	3:05		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-24	3:15	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	4-24	3:15	"	"	"		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-24	3:15	D. Beadle	"	"		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:45	2				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 78° ;							
	AIR TEMPS = 82° ; 3 Test Cylinders (LA-172)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-24-96

Pour Location West I-Wall Monolith # 66 + #68.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used # 44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
324209	11:52	12:30	1.75°	20 Gal.	4.0°	78° 84°	-	-	12:00	9
324236	12:40	1:25	3.0°	10 Gal	4.5 <sup>x</sup>	77° 84°	5.0	3	12:45	8
324338	3:45	4:30	4.0°	- 0 -	4.0 <sup>x</sup>	78° 82°	5.5	-	3:50	9
324370	5:00	5:50	4.0°	- 0 -	4.0°	76° 80°	-	-	5:05	8

Test Cylinder Set #LA-172

NOTE: "x" = Acutal Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
329

TO: Area Engineer, CELMN-CD-NO COPY TO: C/Const. Div. CELMN-CD

DATE  
Tuesday  
23 April 1996

PROJECT  
Lake Pontchartrain, La. and Vicinity, London Ave. Canal, Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor)  
B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %
------------------------------	--------------------------	-------------------	-----------------	------------------

TEMPERATURE	
MINIMUM 60	MAXIMUM 75

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  
 NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.25	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal <del>RIVER</del> STAGE	
FEET 2.1	TIME 0730 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 14	17 - 91	13 - 30	32 - 135

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-Steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

No work performed due to morning rain.

Days of no work and reasons for same:

100% days lost - 15 April 1996  
50% days lost - 1 and 18 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

PERCENT PROJECT COMPLETE: 76.20  
PERCENT TIME ELAPSED: 80.50

DATE SET FOR COMPLETION: 3 July 1996

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

None

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

No major work was performed due to morning shower causing embankment too wet to work on.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

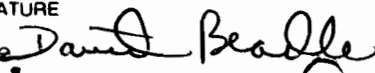
GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked all access gates on the jobsite and found them closed and locked.

INSPECTOR'S SIGNATURE

David Beadle



DATE

4/25/96

SUPERVISOR'S INITIALS



DATE

4/29



4/29/96



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/23/96

REPORT NO.: 409

SKIES: Cloudy - Clearing RAIN: 0.25 IN. TEMP.: 60 MIN 75 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (2.1) NOISE: Moderate

\* 100% Lost Production  
 Due To Rain + Wet Soil.

WORK PERFORMED/LOCATION

B+K Construction - No concrete work done today due to rain and wet soil on the levee. Skeleton crew stayed and worked on the following items. Broke concrete cap at 20' intervals from East B sta. 120+50 to sta. 122+00 for removal at a later date. Cut holes for rebar at West Monoliths #79, #80, #81, #82, #83, and #84. Wrecked forms at East Mono. #53 and at West Mono. #58. Moved the I-wall forms from the East Bank to the West Bank, to be modified for West I-walls. Began blocking out fractured fins for tapered fin monolith (West #59). Operators worked on excavating soil between East B sta. 120+50 and 120+70, to allow sheet pile cut-off and concrete cap removal in this section. Pulled up temporary sheet piles on the East Bank between station 91+00 and sta. 90+00, and stacked these on the levee.

Arcadia Rebar - Tied bottom reinforcing steel at West Monoliths #74 and #75, and pre-tied 3 top mats of re-steel for future placement on the West Bank.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	30	B+K Const.	(SEE ABOVE)
13	Skilled	75	"	
1	Supt.	8	"	
1	Q.C. Rep.	6	"	
4	Skilled	16	Arcadia Rebar	(SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	4	4	—
Kubota 151 Excavator	—	Yes	5	3	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	No	0	8	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
Welding Machine	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	4	4	—
Koehring 535 Crane	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE TODAY

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected Temporary Flood Protection dike between East B Sta. 120+50 and 126+70. Existing soil was placed and compacted in approx. 12" layers, using the Komatsu 200 Excavator and the Komatsu D-37 dozer. Top of the Temp. Dike was  $\pm$  elevation 7.50 (minimum required elev. = +6.75). The soil was near its optimum moisture when placed and compacted. Side slopes were approx. 2 horizontal on 1 vertical. Excavated soil from sheet pile cut-off work area was stockpiled on top of the Temporary Dike for now, but will be removed and used to fill in part of the excavation after sheets are cut and concrete cap is removed.

JOB SAFETY

checked Gates on the levee at Filmore Ave. and Robert E. Lee Blvd. today. Gates were closed and locked at day's end. Equipment was also secured, blades and buckets lowered to the ground for safety.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-24-96

Date



**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
328

TO Area Engineer,  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Saturday - Monday  
20 - 22 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100 %	100 %	100 %	100 %	100 %

TEMPERATURE	
MINIMUM	MAXIMUM
71	86

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0.0	0800 4/22 <sub>M</sub>

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1 - 1	1 - 1		1 - 8	2 - 10	

Canal	RIVER STAGE
FEET	TIME
1.8 - 2.0	0730 4/22 <sub>M</sub>

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 25.5	20 - 240	15 - 210	37 - 475.5

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
0700 <sub>M</sub>	1800 <sub>M</sub>				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-Bar - Re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Placed and poured 3 monoliths, cleaning up trash.
- b. Tying re-steel for monoliths.

Days of no work and reasons for same:

100% days lost - 15 April 1996  
50% days lost - 1 and 18 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this period.

PERCENT PROJECT COMPLETE: 76.20  
PERCENT TIME ELAPSED: 30.40

DATE SET FOR COMPLETION: 3 July 1996

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " " " "

**Floodwall** - Observed contractor setting forms and pouring concrete for West Mono's #58 and #65 and East Mono# 53. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut holes for rebar at West Mono's #76 - #78. Pulled up temporary flood protection sheet piles on East bank between Sta. 93+70 to 91+00 and stacked up to be removed from the jobsite.

**Re-steel** - Tied re-steel for collar at West Mono #52 and top mats for future placement.

No QA checks were made on Saturday, 20 April and Sunday, 21 April 1996, due to weekend.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL.

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (~~date~~/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
D. Beadle	Const. Insp.	7	QAR
D. Duhon	Civil Engr	1	Proj. Suprv.
J. Boudreaux	" "	1	NOD

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Contractor held weekly safety meeting. See attached sheet for details of topics discussed.

INSPECTOR'S SIGNATURE

David Beadle

*David Beadle*

DATE

4/24/96

SUPERVISOR'S INITIALS

*gms*

DATE

*4/28/96*

*4/29*



QUALITY CONTROL REPORT  
 ( DACW29-94-C-0079 )  
 L. DON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/22/96

REPORT NO.: 408

SKIES: Cloudy

RAIN: 0 IN. TEMP.: 71 MIN 86 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.0) NOISE: Moderate

WORK PERFORMED/LOCATION

4-21-96 Sunday - No WORK PERFORMED

4-22-96 Monday - B+K Construction - Completed forming and details on East Mono. #53, West Mono. #58 and West Mono. #65. Placed concrete at East Mono. #53, and at West Mono. #58 and #65 today. Formed and poured concrete stabilization slab from West B sta. 95+70 to Sta. 96+85. Cut holes for rebar at West Mono. #76, #77, and #78. Installed 4 bond cables at West Mono. Joints #97-98 through #100-101. Pulled up Temp. Flood Protection Sheet piles from East B Sta. 93+70 to sta. 91+00, and stacked them up to be hauled away. Laborers cut grass and weeds on the West Bank, and cleaned up trash.

Arcadia Rebar - Tied reinforcing steel at West Mono. #52 (Collar), and pre-tied 5 t8p mats of re-steel for future placement.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+K Const.	(SEE ABOVE)
14	Skilled	135	"	
1	Supt.	10	"	
1	Q.C. Rep.	10.5	"	
5	Skilled	25	Arcadia Rebar	(SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	3	5	—
Kubota 151 Excavator w/ Concrete Breaker	—	Yes	5	3	—
Case 580 Backhoe #1	—	Yes	5	3	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	7	1	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	5	3	—
Koehring 535 Crane	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received cubic yards of concrete from Lafarge Conc. Co. today. Placed this material (all was Mix #44-C) as follows: 19 c.y. in East Mono. #53; 16.5 c.y. in each West monolith (#58 and #65); 10 c.y. in West B Stab. Slab.

**TESTS PERFORMED**

(As required by plans/specifications)

B+K Construction tested Lafarge's Mix #44-C Concrete delivered to the jobsite today. Find test results attached on the Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked formwork at East Mono. #53, and West Mono's #58 and #65. Completed formwork checklist for all three walls prior to concrete placement. Alignment had to be adjusted on West Mono. #58, as it was found to be out of alignment 0.04'. This was corrected using turnbuckle braces. Plumbness was correct within 0.02' bottom to top. Form condition was fair on East Mono. #53, and good on West Mono's #58 and #65. All embedded items were in place and installed correctly.

Checked cathodic protection work on the west bank. Bond cables were exothermically welded to the CZ-101 sheet piles. Connections were checked and found to be secure. Epoxy caps were used to cover all exposed wire and the welds themselves. Existing soil was used to backfill over bond cables after they were installed and inspected.

JOB SAFETY

Held the weekly safety meeting today at 7:00 AM in the yard at Pratt Drive and Robert E. Lee Blvd. Find minutes of the meeting attached to this report.

Checked public streets for dirt and debris from contractor's activities. No significant amount of dirt was found on any public streets.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-23-96  
Date

FORM CHECK OUT FOR

STRUCTURES  
 REINFORCE CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.  
 DACW29-94-C-0079

MONOLITH  
 West # 58

LIFT NO.  
 one

ELEVATION  
 from 3.50 to 14.40

DATE OF POUR  
 4-22-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	4-22-96	10:00	D. Beadle	4/22/96	10:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	4-22	10:00	D. Beadle	4/22/96	10:05
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	4-22	10:05	D. Beadle	4/22	10:05
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	4-22	10:10	D. Beadle	4/22	10:05
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-22	10:35	D. Beadle	4-22	10:30		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.88'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-22	10:40	"	"	"		
G. SAFETY (LIST)	Jmj	4-22	10:40	"	"	"		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Eye Protection	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-22	10:45	"	"	"		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:45	2.5				
Bucket	1	10 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.9% ; CONCRETE TEMPS = 83° ;							
	AIR TEMPS = 86° ; 3 Test Cylinders (LA-171)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice			C.O.E. REPRS:			David Beadle	
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								



FORM CHECK OUT FOR

STRUCTURES  
 REINFORCE CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.  
 DACW29-94-C-0079

MONOLITH  
 East # 53

LIFT NO.  
 one

ELEVATION  
 from 2.50 to 14.40

DATE OF POUR  
 4-22-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	4-22-96	11:35	<i>D. Beadle</i>	4/22/96	11:40
VERTICAL	✓			✓	✓	✓
ALIGNMENT	✓			✓	✓	✓
CLEANLINESS	✓			✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>Jmj</i>	4-22	11:35	<i>D. Beadle</i>	4/22/96	11:40
CLEANLINESS	✓			✓	✓	✓
WATERED	✓			✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	4-22	11:40	✓	✓	✓
VERTICAL	✓			✓	✓	✓
HORIZONTAL	✓			✓	✓	✓
SPACING	✓			✓	✓	✓
CLEARANCES	✓			✓	✓	✓
STEEL SCHEDULE	✓			✓	✓	✓
SHOP DRAWINGS	✓			✓	✓	✓
TIE WIRES	✓			✓	✓	✓
#6 BAR WELDED	✓			✓	✓	✓
CLEANLINESS	✓			✓	✓	✓
WATERED	✓			✓	✓	✓
E. FORMWORK	<i>Jmj</i>	4-22	11:45	<i>D. Beadle</i>	4/22	11:40
CONDITION	✓			✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-22	11:45	D. Beadle	4-22	11:50		
CLEANLINESS	✓	"	"	—				
RELEASING AGENT	✓	"	"	—				
TIES AND BOLTS	✓	"	"	—				
LENGTH 28.44'	✓	"	"	—				
WIDTH 2.25'-1.00'	✓	"	"	—				
HEIGHT 11.90'	✓	"	"	—				
WATERSTOPS	✓	"	"	—				
CHAMFER STRIPS	✓	"	"	—				
F. WEATHER PROTECTION	Jmj	4-22	11:50	"	"	"		
G. SAFETY (LIST)	Jmj	4-22	11:50	"	"	"		
1. Ladder	✓	"	"	—				
2. Eye Protection	✓	"	"	—				
3. Scaffold	✓	"	"	—				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-22	11:55	D. Beadle	4/22/96	11:50		
EXP. Material	✓	"	"	—				
FL-340 Anchors	✓	"	"	—				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Trantis Crane	1	36' x 2	12:50	1.5				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gas Powered	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.9% ; CONCRETE TEMPS = 83° ; AIR TEMPS = 86° ; 3 Test Cylinders (LA-171) <b>FINAL CLEARANCE</b>							
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FORM CHECK OUT FOR

STRUCTURES  
 REINFORCE CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH West # 58

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-22-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	4-22-96	10:00	D. Beadle	4/22/96	10:05
VERTICAL	✓	"	"	—	~	~
ALIGNMENT	✓	"	"	—	~	~
CLEANLINESS	✓	"	"	—	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	4-22	10:00	D. Beadle	4/22/96	10:05
CLEANLINESS	✓	"	"	—	~	~
WATERED	✓	"	"	—	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	4-22	10:05	D. Beadle	4/22	10:05
VERTICAL	✓	"	"	—	~	~
HORIZONTAL	✓	"	"	—		
SPACING	✓	"	"	—		
CLEARANCES	✓	"	"	—		
STEEL SCHEDULE	✓	"	"	—		
SHOP DRAWINGS	✓	"	"	—		
TIE WIRES	✓	"	"	—		
#6 BAR WELDED	✓	"	"	—		
CLEANLINESS	✓	"	"	—		
WATERED	✓	"	"	—		
E. FORMWORK	Jmd	4-22	10:10	D. Beadle	4/22	10:05
CONDITION	✓	"	"	✓	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-22	10:10	D. Beadle	4-22	10:05		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-22	10:15	"	"	"		
G. SAFETY (LIST)	Jmj	4-22	10:15	"	"	"		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-22	10:20	"	"	"		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:35	1.75				
Bucket	1	1.0 cu.	"	"				
VIBRATOR	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 5.1% ; CONCRETE TEMPS = 83° ;							
	AIR TEMPS = 86° ; 3 Test Cylinders (LA-171)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-22-96

Pour Location West I-Wall Monolith #58 + 65; East Monolith #53; West Stabilization Slab, sta. 95+70 to 96+85.  
 Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I. at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
323555	11:35	12:07	4.0"	5 Gal.	4.5"	83° 86°	51	2	12:05	9
323577	12:22	1:18	3.0°	10 Gal.	4.0°	81° 86°	-	-	12:35	9
323649	1:44	2:10	3.5°	5 Gal.	4.0 <sup>x</sup>	83° 86°	59	-	1:50	9
323643	2:31	4:19	3.0°	15 Gal.	4.5°	81° 84°	-	-	2:40	9
323687	12:51	1:13	3.0°	10 Gal.	4.0°	84° 86°	-	-	1:00	10
323601	1:47	2:22	0.5°	20 Gal.	2.5°	89° 86°	-	-	1:50	9
323677	4:20	5:45	3.0	10 Gal.	4.5	81° 84°	-	-	4:30	7

Test Cylinder Set #LA-171

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:

Steve Thome

MINUTES OF SAFETY MEETING

DATE: 4-22-96

TIME: 7:00 Am

PROJECT: London Avenue Canal Floodwall  
DACW29-94-G0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice John Wat  
Elenk Vines Eric Bailey  
Eugene B... Ross Course  
FRANK BERNARD  
Michael D Bell

ABAD  
STEVEN WEAVER Steve Rome  
James R. P...  
Robert Brown  
Larry J. ...  
Roger Sandifer  
Reginald Poole

TOPICS DISCUSSED:

James R. P... Robert Brown

Discussed the accident that happened two weeks ago. The injured worker has returned to work as of today, and so I asked the operator of the crane involved if a safe method has been found to hang the re-steel mats in I-walls. The crane operator and carpenter foreman said that they have developed a method that does not require men to place any part of their body in the pinch point that hurt the worker two weeks ago.

I instructed carpenters to check scaffolds and handrails, they repair or replace any missing or damaged boards. I asked laborers to continue cleaning up debris, and asked the operators to check their cables, shackles, and safety latches. Report any unsafe rigging to myself or the

COMMENTS: Project Superintendent.

Reminded operators that there are overhead power lines to watch out for at Robert E. Lee Blvd. and at Filmore Avenue, a high pressure gas line also exists at Filmore Avenue to be avoided. Other utilities along the jobsite also require attention; electric feedlines must be turned off before doing any work nearby - check with your foreman daily!!

*[Signature]*  
CONTRACTOR'S SUPERINTENDENT



**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	YES	4	4	—
Komatsu D37P Dozer	—	NO	0	8	—
Kubota 151 Excavator	—	NO	0	8	—
Case 580 Backhoe #1	—	YES	3	5	—
Case 580 Backhoe #2	—	YES	4	4	—
RAMEX Roller-Packer	—	NO	0	8	—
MKT Vibro Hammer V-5	—	NO	0	8	—
Fiat-Allis MotorGrader	—	NO	0	8	—
Mantis 3612 Crane	—	YES	6	2	—
Koehring 405 Crane	—	YES	6	2	—
J.S.W. Excavator	—	NO	0	8	—
Welding Machine	—	NO	0	8	—
Komatsu 200 Exc. #2	—	NO	0	8	—
Koehring 535 Crane	—	NO	0	8	—
	—				

**MATERIALS RECEIVED**

NONE TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE TODAY



QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

NONE PERFORMED TODAY

JOB SAFETY

Checked ladders used to reach scaffolds and I-Walls. Ladders were in good condition, and were tied off to prevent accidental movement.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-22-96  
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
327

To: Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Friday  
19 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
-------------------------------	---------------------------	--------------------	------------------	-------------------

TEMPERATURE	
MINIMUM 66	MAXIMUM 83

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
	1 - 1		1 - 8	2 - 9	

FEET 1.6	TIME 0730 M
-------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 20	15 - 134	14 - 130	31 - 284

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3			
FROM	TO	FROM	TO
0700M	1800 M		

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Placed and poured 3 monoliths, building temporary levee, finishing monoliths.
- b. Tied re-steel for monoliths.

Days of no work and reasons for same:

100% days lost - 15 April 1996  
50% days lost - 1 and 18 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed today.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 75.84  
PERCENT TIME ELAPSED: 80.10

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-Steel - " " " " "

**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES**

Floodwall - Observed contractor setting forms and pouring concrete for West Mono's 57 and #64 and East Mono #52. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Completed installation of silt curtain along safety fence between B/L Sta. 126+75 to 121+50. Also continuing to build temporary levee to elevation +6.75 from Sta. 120+40 to 121+50. Cement finishers worked on landside of East Mono #70 and West Mono #30.

Re-Steel = Sub Arcadia Re-bar tied re-steel for East Mono #52.

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

**GOVERNMENT PERSONNEL ON SITE**

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	8	QAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)**

Contractor used flagmen to flag traffic during pouring of concrete for floodwall.

INSPECTOR'S SIGNATURE

David Beadle

*David Beadle*

DATE

4/23/96

SUPERVISOR'S INITIALS

*gcl*

DATE

*4/29*  
*W 4/29/96*



QUALITY CONTROL REPORT  
 ( DACW29-94-C-0079 )  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/19/96

REPORT NO.: 406

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 66 MIN 83 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (1.6) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at West Mono. #63, then patched holes and covered this wall with wet burlene. Set forms and top re-steel at West Mono. #64 and East Mono. #52. Placed concrete at West Mono's #57 and #64 and at East Mono. #52. Formed and poured concrete stabilization slab from East B sta. 85+95 to 85+80, and from West B Sta. 95+20 to 95+70. Cut holes for rebar, and welded #6 bond bars at East Mono's #52 and #53. Cut off existing MP-112 Sheet piles from East B sta. 86+00 to station 85+50. Built Temporary Flood Protection Levee from East B sta. 121+50 to sta. 120+40. Laborers cut grass and weeds, and cleaned up debris; also repaired all access gates. Cement finishers patched and repaired concrete I-Walls at East Mono. #70 and West Mono. #30 (Land side Only)

Arcadia Rebar - Tied btm. steel at East Mono #52, and pre-tied one top mat for future placement.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	130	B+K Const.	(SEE ABOVE)
13	Skilled	130	"	
1	Supt.	10	"	
1	Q.C. Rep.	10	"	
2	Skilled	4	Arcadia Rebar	Tying re-inforcing steel for I-Wall. (SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	5	3	—
Komatsu D37P Dozer	—	yes	5	3	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	5	3	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	yes	2	6	—
Komatsu 200 Exc. #2	—	yes	5	3	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 54 c.y. of concrete from Lafarge today (Mix Design #44-C) and placed this material as follows: 15 c.y. in East Mono #52 (short monolith); 16.5 c.y. in each mono. #57 and #64; 2 c.y. in East B<sub>2</sub> Slab. slab; and 4 c.y. in West B<sub>2</sub> slab. slab.

**TESTS PERFORMED**

(As required by plans/specifications)

B+K Construction tested concrete delivered by Lafarge Concrete Company today. Results of these tests are found on the attached Concrete Field Data Summary sheet. Three test cylinders were molded, to be delivered by B+K Construction personnel to the Gov't. Laboratory.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected formwork on the East and West Banks today. Form condition was "fair" on the East Bank, and "Good" on the West Bank. The reinforcing steel was counted, and the correct size and number of bars were installed. Clearances were 2" to 3 1/2" at all points between re-steel and edge of forms. Waterstops were installed at each end of each monolith, and were directly in the center of the wall. The mono. joints fell over the top of sheet pile interlock, and the waterstop middle bulb was halfway in and halfway out of the concrete. Expansion material was placed at each end of the walls checked today, and all exposed corners and edges were chamfered with 3/4" wooden strips. No deficiencies were noted today upon the pre-placement inspection.

JOB SAFETY

Checked welders and torch burners for proper protection today. Welder was wearing an approved shield/hood with appropriate lenses; torch burner wore burning goggles (cup type) with dark lenses; both were wearing leather gloves and steel toe safety boots.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized QC Representative

4-22-96  
Date

FORM CHECK OUT FOR

STRUCTURES  
 REINFORC CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH EAST # 52

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 4-19-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-19-96	3:50	D. Beadle	4/19/96	3:55
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-19	3:50	D. Beadle	4/19/96	3:55
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-19	3:55	D. Beadle	4/19/96	3:55
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	4-19	4:00	D. Beadle	4/19/96	3:55
CONDITION	✓	"	"	✓		



ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	4-19	4:00	<i>D. Beadle</i>	4-19-96	4:05		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
SHORT <del>THROUGHT</del> * LENGTH 22.30'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	<i>Jmj</i>	4-19	4:05	<i>D. Beadle</i>	"	"		
G. SAFETY (LIST)	<i>Jmj</i>	4-19	4:05	<i>D. Beadle</i>	"	"		
1. scaffold	✓	"	"	✓				
2. Rigging	✓	"	"	✓				
3. Ladder	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	4-19	4:05	"	"	"		
FL-340 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	4:35	1.5				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gas Powered	"	"				
J. REMARKS	SLUMP = 3.75" ; AIR ENTR. = 5.40% ; CONCRETE TEMPS = 79° ; AIR TEMPS = 83° ; 3 Test Cylinders (LA-170)							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry M. Justice</i>				C.O.E. REPRS: <i>David Beadle</i>				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FORM CHECK OUT FOR

STRUCTURES  
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 57

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-19-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmf	4-19-96	10:40	D. Beadle	4-19-96	10:30
VERTICAL	✓	"	"	✓	"	"
ALIGNMENT	✓	"	"	✓	"	"
CLEANLINESS	✓	"	"	✓	"	"
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmf	4-19	10:40	D. Beadle	4-19-96	10:30
CLEANLINESS	✓	"	"	✓	"	"
WATERED	✓	"	"	✓	"	"
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmf	4-19	10:45	D. Beadle	4-19-96	10:30
VERTICAL	✓	"	"	✓	"	"
HORIZONTAL	✓	"	"	✓	"	"
SPACING	✓	"	"	✓	"	"
CLEARANCES	✓	"	"	✓	"	"
STEEL SCHEDULE	✓	"	"	✓	"	"
SHOP DRAWINGS	✓	"	"	✓	"	"
TIE WIRES	✓	"	"	✓	"	"
#6 BAR WELDED	✓	"	"	✓	"	"
CLEANLINESS	✓	"	"	✓	"	"
WATERED	✓	"	"	✓	"	"
E. FORMWORK	Jmf	4-19	10:50	D. Beadle	4-19-96	10:30
CONDITION		"	"	✓	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-19	10:50	D. Beadle	4-19	10:35		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.87'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-19	10:55	D. Beadle	4-19	10:35		
G. SAFETY (LIST)	Jmj	4-19	10:55	"	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-19	11:00	D. Beadle	4-19	10:35		
Exp. Material	✓	"	"	✓	}	}		
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:35	2.00				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gas Powered	"	"				
J. REMARKS	SLUMP = 5" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 80° ;							
	AIR TEMPS = 83° ; 3 Test Cylinders (LA-170)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	JERRY M. JUSTICE				C.O.E. REPRS: DAVID BEADLE			
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FORM CHECK OUT FOR

STRUCTURES  
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West# 64

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-19-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-19-96	11:05	D. Beadle	4-19-96	10:00
VERTICAL	✓	"	"	/	Σ	Σ
ALIGNMENT	✓	"	"	/	Σ	Σ
CLEANLINESS	✓	"	"	/	Σ	Σ
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-19-96	11:05	D. Beadle	4-19-96	10:00
CLEANLINESS	✓	"	"	/	Σ	Σ
WATERED	✓	"	"	/	Σ	Σ
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-19	11:10	D. Beadle	4-19-96	10:00
VERTICAL	✓	"	"	/	Σ	Σ
HORIZONTAL	✓	"	"	/	Σ	Σ
SPACING	✓	"	"	/	Σ	Σ
CLEARANCES	✓	"	"	/	Σ	Σ
STEEL SCHEDULE	✓	"	"	/	Σ	Σ
SHOP DRAWINGS	✓	"	"	/	Σ	Σ
TIE WIRES	✓	"	"	/	Σ	Σ
#6 BAR WELDED	✓	"	"	/	Σ	Σ
CLEANLINESS	✓	"	"	/	Σ	Σ
WATERED	✓	"	"	/	Σ	Σ
E. FORMWORK	Jmj	4-19	11:15	D. Beadle	4-19-96	10:00
CONDITION	✓	"	"	/	Σ	Σ

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-19-96	11:15	D. Bealle	4-19-96	10:05		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.87'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-19	11:20	D. Bealle	4-19	10:05		
G. SAFETY (LIST)	Jmj	4-19	11:20	D. Bealle	"	"		
1. Scaffold	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Eye Protection	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-19	11:25	D. Bealle	4-19	10:05		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:50	2				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' Shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 5" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 80° ; AIR TEMPS = 83° ; 3 Test Cylinders (LA-170) FINAL CLEARANCE							
CONTRACTOR REPRS:				C.O.E. REPRS:				
Jerry N. Justice				David Bealle				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CC RETE FIELD DATA SUMMARY

DATE: 4-19-96

Pour Location West I-Wall Monolith #57 & #64; East Moni  
#52; East B Stabilization Slab, Sta. 85+95 to 85+80; West B  
Stabilization Slab, Sta. 95+20 to 95+70.  
 Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
322993	11:35	12:10	5.0°	-0-	5.0 <sup>x</sup>	80° 83°	5.0	3	11:45	9
323050	12:30	1:20	4.0°	-0-	4.0°	78° 83°	-	-	12:35	9
323096	1:50	2:45	3.5°	5 Gal.	4.0°	78° 83°	-	-	1:55	9
323155	5:05	6:05	3.0°	10 Gal.	4.5°	77° 80°	-	-	5:10	8
323101	2:35	2:55	3.0°	5 Gal.	3.75 <sup>x</sup>	79° 83°	5.4	-	2:40	9
323150	4:34	5:05	2.5°	20 Gal.	4.5°	77° 80°	-	-	4:40	10

Test Cylinder set #LA-170

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

**INSPECTORS QUALITY ASSESSMENT RANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
326

T **Area Engineer,** COPY TO: C/Const. Div.  
**CELMN-CD-NO** CELMN-CD

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

DATE Thursday  
18 April 1996

CONTRACT NUMBER  
DACW29-94-C-0079

WEATHER  
Cloudy and Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 25 %	BORROW EXCAVATION 25 %	EMBANKMENT 25 %	CONCRETE 25 %	STRUCTURE 25 %
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TEMPERATURE

MINIMUM 62	MAXIMUM 77
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.25 ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
-------------	--------	--------	---------------------	----------------	-------

Canal RIVER STAGE  
FEET 1.5 TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 3	SKILLED 12 - 35	LABORERS 13 - 40	TOTAL 27 - 33
----------------------	--------------------	---------------------	------------------

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2	<input type="checkbox"/> 3
FROM 0700 M	TO 1800 M	FROM M	TO M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control.
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Contractor attempted to work was but rained out at 10:00 am.

Days of no work and reasons for same:

100% days lost - 15 April 1996  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

PERCENT PROJECT COMPLETE: 75.50  
PERCENT TIME ELAPSED: 30.10

DATE SET FOR COMPLETION: 3 July 1996

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

None

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Contractor attempted to set forms and pour concrete but was rained out at 10:00 am.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL:

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked adjacent streets for mud and debris and found all clean.

INSPECTOR'S SIGNATURE

david Beadle

*David Beadle*

DATE

4/23/96

SUPERVISOR'S INITIALS

*gw*

DATE

4/29

*4/29/96*







**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	2	6	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	2	6	—
Case 580 Backhoe #2	—	yes	2	6	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	2	6	—
Koehring 405 Crane	—	yes	2	6	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	2	6	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE RECEIVED TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked finishing work done on completed F-Wall Monoliths. Holes and honeycombs were chipped or reamed out, then bonding agent and sand-cement mortar were applied to completely fill the void. Rubbing stones were used to grind smooth any protrusions or joint lines. Fractured fin areas were also chipped and patched as needed. Some follow-up work will be required at expansion joints prior to paint application. Otherwise, the quality of the work is acceptable.

JOB SAFETY

Checked public streets for dirt or debris from construction. No significant dirt was found. No equipment or materials were left on or near the public streets that could cause obstruction of driver's view.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Th. Justice  
Authorized Q C Representative

4-19-96  
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
325

TO Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Wednesday  
17 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy/Late Afternoon rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
--------------------------------	----------------------------	---------------------	-------------------	--------------------

MINIMUM 54	MAXIMUM 76
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.20 ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal ~~RIVER~~ STAGE

SUPERVISORY	OFFICE 2 - 2	LAYOUT	INSPECTION 1 - 8	TOTAL 3 - 10	LABOR
-------------	-----------------	--------	---------------------	-----------------	-------

FEET 1.3	TIME 0800 M
-------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY 2 - 18	SKILLED 17 - 150	LABORERS 14 - 140	TOTAL 33 - 308	FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Formed and poured 2 monoliths, finishing concrete, placing erosion control blankets.
- b. Tying re-steel.

Days of no work and reasons for same:

100% days lost - 15 April 1996  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 75.44  
PERCENT TIME ELAPSED: 79.92

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Observed contractor setting forms and pouring concrete for West Mono's #56 and #63. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Installing silt curtain along safety fence between East B/L Sta. 126+75 to 121+50. Also continuing to build temporary levee to elev. 6+75 between East B/L Sta. 122+50 to 125+00. Cement finishers completed repairs on East Mono #69 and West Mono's #30 and #31 - landside only.

Arcadia Re-bar - Tied 4 top mats of re-steel for I-wall monoliths.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	8	QAR
C. Wagner	Civil Engr.	1	Proj. Engr.
D. Duhon	Civil Engr.	1	" Suprv.

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked walkways on I-wall forms and found them in good condition and securely attached to the forms.

INSPECTOR'S SIGNATURE D. Beadle <i>David Beadle</i>	DATE 4/19/96	SUPERVISOR'S INITIALS <i>gww</i>	DATE <i>4/29/96</i>
--	-----------------	-------------------------------------	------------------------



## QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed contractor personnel  
excavating material adjacent to existing floodwall  
cap between Sta. 120+00 to 126+00 E Blk. and  
using material to build temp. flood protection  
levee to a. l. 6.75. Crown had a minimum  
of a 4' crown & compacted with use of a  
dozer. Also observed concrete placement for  
wast mound # 63. Concrete was being  
vibrated for consolidation & not being dropped  
less than 5' with use of trammers. Flagmen  
were used to direct traffic when concrete  
trucks were on site.

Instructions to COC/Remarks:

None today

Chrisf Wagner  
Name

Proj Engr  
Title



QUALITY CONTROL REPORT  
 ( DACW29-94-C-0079 )  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/17/96

REPORT NO.: 404

SKIES: Cloudy - Rain RAIN: 0.20 IN. TEMP.: 54 MIN 76 MAX  
 (Late Afternoon)

DUST: Minimal LEVEE CONDITION: Dry-Am Wet-Pm CANAL GAUGE: ( 1.3 ) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #54, West Mono. #55, and West Mono. #62. Patched holes and then covered these walls with wet burlene. Set forms and top re-steel mats at West Mono's #56 and West Mono. #63. Placed concrete at West Mono's #56 and #63, and in stabilization slab from East B Sta. 85+80 to sta. 85+50. Installed two bond cables at East Mono. Joints #53→52 and #52→52-C. Performed structural excavation from East B sta. 85+70 to 85+50. (This completes struct. excavation and bond cable work in this reach). Built Temporary Flood Protection Levee from East B sta. 125+00 to sta. 122+50. Cement finishers completed repair work on East Mono. #69, and West Mono's #30 and #31 (Land Side Only). \* See page #3, "work performed".

Arcadia Rebar - Pre-tied 4 top re-steel mats, to be tied in place later. No other work performed.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	140	B+K Const.	(SEE ABOVE FOR DESCRIPTION.)
13	Skilled	130	"	
1	Supt.	9	"	
1	Q.C. Rep.	9	"	
7	Skilled	20	Arcadia Rebar	Pre-tying top mats of Reinforcing steel for I-wall (SEE ABOVE)

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	6	2	—
Komatsu D37P Dozer	—	Yes	4	4	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	6	2	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 37.5 cubic yards of concrete (Mix #44-C) from Lafarge Concrete Company today. Placed 16.5 c.y. in each West I-Wall Monolith (#56 and #63) and 4.5 c.y. in East Bank Slab.

Also received one galvanized steel cable tray from Manufab for telephone cable crossing on the West Bank. (Galvanizing workmanship may not be acceptable - follow-up inspection is needed.)

TESTS PERFORMED

B+K Construction personnel tested concrete delivered by Lafarge Conc. Co. today. See attached Concrete Field Data Summary sheet for details of these tests and inspections.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

I inspected the Temporary Flood Protection Levee being built along the Canal Side of existing floodwall between East B sta. 120+40 and 126+75. Existing soil from the Land Side degrade was placed over existing floodwall and then compacted in approx. 12" thick layers by the Komatsu D-37 dozer. The crown of the Temporary Levee was  $\pm$  6' wide, and at elevation + 7.25, plus or minus 0.50. The vegetation had been previously removed on both sides of existing floodwall. The finished levee appeared substantial enough to withstand flood waters. Soil was packed, with no deleterious matter or voids evident.

\* Laborers re-installed silt fence material along the safety fence from East B Sta. 126+75 to Sta. 121+50. The remaining 100' will be re-installed by Friday.

JOB SAFETY

I checked extension cords being used by carpenter crews on East and West banks today. Two cords were found to have defective terminals, and were removed from service until repaired.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-18-96  
Date

FORM CHECK OUT FOR

STRUCTURES  
 REINFORC. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.  
 DACW29-94-C-0079

MONOLITH  
 West # 56

LIFT NO.  
 one

ELEVATION  
 from 3.50 to 14.40

DATE OF POUR  
 4-17-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	4-17-96	11:50	D. Beadle	4-17-96	11:55
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>Jmj</i>	4-17	11:50	D. Beadle	4-17-96	11:55
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	4-17	11:55	D. Beadle	4-17-96	11:55
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jmj</i>	4-17	12:00	D. Beadle	4-17-96	11:55
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-17	12:00	D. Beadle	4-17	12:00		
CLEANLINESS	✓	"	"	-	}	}		
RELEASING AGENT	✓	"	"	-				
TIES AND BOLTS	✓	"	"	-				
LENGTH 28.86'	✓	"	"	-				
WIDTH 1.75'-1.00'	✓	"	"	-				
HEIGHT 10.90'	✓	"	"	-				
WATERSTOPS	✓	"	"	-				
CHAMFER STRIPS	✓	"	"	-				
F. WEATHER PROTECTION	Jmj	4-17	12:05	D. Beadle	4-17	12:00		
G. SAFETY (LIST)	Jmj	4-17	12:05	"	"	"		
1. Ladder	✓	"	"	-	z	z		
2. Scaffold	✓	"	"	-	z	z		
3. Rigging	✓	"	"	-				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-17	12:10	D. Beadle	4-17	"		
Exp. Material	✓	"	"	z	z	z		
FL-400 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 74° ;							
	AIR TEMPS = 76° ; 3 Test Cylinders (LA-169)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AT THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FORM CHECK OUT FOR

STRUCTURES  
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 63

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-17-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	4-17-96	2:05	D. Beadle	4-17-96	2:00
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	4-17	2:05	D. Beadle	4-17-96	2:10
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	4-17	2:10	D. Beadle	4-17-96	2:10
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	4-17	2:10	D. Beadle	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	<i>Jmj</i>	4-17-96	2:10	D. Beadle	4-17-96	2:10
CLEANLINESS	✓	"	"	✓	}	}
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.86'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 10.90'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	<i>Jmj</i>	4-17	2:15	"	"	"
G. SAFETY (LIST)	<i>Jmj</i>	4-17	2:15	"	"	"
1. Ladder	✓	"	"	✓	✓	✓
2. Scaffold	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	4-17	2:15	"	"	"
Exp. Material	✓	"	"	✓	✓	✓
FL-400 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:05	1.75				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18' Shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS  
 SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 73° ;  
 AIR TEMPS = 74° ; 3 Test Cylinders (LA-169)

FINAL CLEARANCE  
 CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *David Beadle*

**INSTRUCTIONS**  
 CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT AND STRUCTURE.

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-17-96

Pour Location

West I-Wall Monolith #56 + #63; East B

Stabilization Slab, Sta. 85+80 to 85+50.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLODED	TIME SAMPLED	C. Y.	
322458	12:32	12:47	4.5 <sup>o</sup>	-0-	4.5 <sup>x</sup>	74 <sup>o</sup> 76 <sup>o</sup>	6.0	3	12:40	8.5	West Monor.
322478	1:09	1:53	3.25 <sup>o</sup>	5 Gal.	4.0 <sup>o</sup>	74 <sup>o</sup> 76 <sup>o</sup>	-	-	1:15	8.0	#56
322556	3:04	3:31	4.0 <sup>o</sup>	-0-	4.0 <sup>x</sup>	73 <sup>o</sup> 74 <sup>o</sup>	5.2	-	3:10	8.5	West Monor.
322586	4:25	4:50	2.5 <sup>o</sup>	10 Gal.	4.0 <sup>o</sup>	73 <sup>o</sup> 72 <sup>o</sup>	-	-	4:30	8.0	#63
322537	2:46	3:27	2.75 <sup>o</sup>	5 Gal.	4.5 <sup>o</sup>	74 <sup>o</sup> 74 <sup>o</sup>	-	-	2:50	3.5	Stab. Slab
322593	4:00	4:15	1.0 <sup>o</sup>	4 Gal.	5.0 <sup>o</sup>	73 <sup>o</sup> 74 <sup>o</sup>	-	-	4:05	1.0	

Test Cylinder Set #LA-169

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:

Steve Thome



**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
324

TO Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Tuesday  
16 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100 %	100 %	100 %	100 %	100 %

TEMPERATURE

MINIMUM	MAXIMUM
56	75

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.0	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal RIVER STAGE

FEET	TIME
	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL

NUMBER OF SHIFTS

1  2  3

FROM	TO	FROM	TO	FROM	TO
M	M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Forming and pouring 3 monoliths,

Days of no work and reasons for same:

100% days lost - 15 April 1996  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 75.24  
PERCENT TIME ELAPSED: 79.78

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.

**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES**

Floodwall - Observed contractor setting forms and pouring concrete for West Mono's #55 and #62 and East Mono#54. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Laying out limits of floodwall on East levee between B/L Sta. 120+50 to 126+65. Trimming weeds and brush along safety fence before silt curtain is installed on East Levee between Sta. 120+00 to 126+65. Building temporary protection levee on F/S of existing floodwall on East bank of canal to elevation 6.75 with 4 ft crown, between Sta.126+75 to 125+00.

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL.**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	9	QAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)**

Checked back up alarm on Komatsu D37P dozer and found it working properly.

INSPECTOR'S SIGNATURE <i>David Beadle</i>	DATE 4-18-96	SUPERVISOR'S INITIALS <i>yeu</i>	DATE 4/19/96
--	-----------------	-------------------------------------	-----------------



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/16/96

REPORT NO.: 403

SKIES: Clear

RAIN: 0

IN. TEMP.: 50 MIN 70 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (1.4) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono #55, and at West Mono's #54 and #61. Patched holes and covered these walls with Wet Burlene for 7 day curing period. Set forms and top re-steel mats at East Mono #54, and at West Mono's #55 and #62. Also tied bottom re-steel in place at East Mono #54 (Arcadia Rebar NO-show). Placed concrete at East Mono #54, West Mono #55, and West Mono #62 today. Laborers cut grass and weeds along the East Bank, and cleaned up debris. Cut holes for rebar at East Mono #54. Built Temporary Flood Protection levee from East P Sta. 126+75 to Sta 125+00. Cement finishers completed repair work on East Mono #68 and West Mono's #28 and #29 (Land Side Only).

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	140	B+K Const.	wrecking & setting up I-wall
13	Skilled	130	"	forms; Finishing & curing I-wall
1	Supt.	9	"	concrete; Tying and placing re-
1	Q.C. Rep.	9	"	steel for I-wall; Cutting grass
				& weeds; Temp. Flood Protection;
				layout of work. (SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	5	3	—
Komatsu D37P Dozer	—	Yes	5	3	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	6	2	—
Koehring 535 Crane	—	No	0	8	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 52 c.y. of concrete from Lafarge Concrete Company today (Mix Design #44-C) and placed this material as follows: 19 c.y. in East Monor. #54; 16.5 c.y. in each West Monolith (#55 and #62).

**TESTS PERFORMED**

(As required by plans/specifications)

B+K Construction performed concrete tests and inspections on Lafarge's mix #44-C today; Results of these tests are documented on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked formwork at East Mono. #54, West Mono. #55, and West Mono. #62. Completed the required form check-out sheets (LIMN Form 1246) for each of these T-wall monoliths. Top chamfer strip on West #55 was found to be 0.09' low. This chamfer strip was raised to elevation +14.40 on the Canal Side and +14.42 on the Land Side. Re-steel clearance had to be adjusted on East Mono. #54, to give 2 1/2" clear on both ends of the wall. No other problems were observed with these three monoliths, and concrete placement began after inspections were completed by myself and Project Inspector Dave Beadle.

JOB SAFETY

Checked reverse alarms on 580 Case Backhoe and Fiat-Allis Motor Grader. All three machines had working backup alarms, that were automatically activated when the transmissions were shifted to reverse.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-17-96  
Date

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-16-96

Pour Location West I-Wall Monolith #55 and #62; East Monolith #54.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I. at 90 days

TICKET NO	TIME ARRVD	TIME CPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLODED	TIME SAMPLED	C. Y.
322077	12:26	1:40	2.5°	10 Gal	4.0 <sup>x</sup>	75° 76°	5.2	3	12:50	8.5
322108	1:20	2:55	3.75°	5 Gal.	4.0°	75° 76°	-	-	1:25	8.0
322136	3:18	3:40	3.0°	8 Gal	4.0°	77° 76°	-	-	3:25	8.5
322157	3:45	4:30	4.5	0.	4.5 <sup>x</sup>	75° 76°	5.8	-	3:50	8.0
322175	4:29	5:14	3.5°	5 Gal	4.0°	75° 75°	-	-	4:35	10
322158	3:17	3:52	3.5°	10 Gal	4.5°	75° 76°	-	-	3:25	9

Test Cylinder set #LA-168

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:

Steve Thome

CHECK OUT FOR

STRUCTURES  
 REINFOR. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
 Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.  
 DACW29-94-C-0079

MONOLITH  
 WEST# 42

LIFT NO.  
 one

ELEVATION  
 from 3.50 to 14.40

DATE OF POUR  
 4-16-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	4-16-96	2:50	<i>D. Bealle</i>	4-16-96	2:55
VERTICAL	✓			—	~	~
ALIGNMENT	✓			—	~	~
CLEANLINESS	✓			—	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>Jmj</i>	4-16	2:50	<i>D. Bealle</i>	4-16-96	2:55
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	4-16	2:55	<i>D. Bealle</i>	4-16-96	2:55
VERTICAL	✓			—	~	~
HORIZONTAL	✓			—	~	~
SPACING	✓			—	~	~
CLEARANCES	✓			—	~	~
STEEL SCHEDULE	✓			—	~	~
SHOP DRAWINGS	✓			—	~	~
TIE WIRES	✓			—	~	~
#6 BAR WELDED	✓			—	~	~
CLEANLINESS	✓			—	~	~
WATERED	✓			—	~	~
E. FORMWORK	<i>Jmj</i>	4-16	2:55	<i>D. Bealle</i>	4-16-96	2:55
CONDITION	✓			—	~	~



ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-16	3:00	D. Beadle	4-16	3:00		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-16	3:05	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	4-16	3:05	"	"	"		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-16	3:05	"	"	"		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
KOMATSU 200	1	Excavator	3:15	2				
BUCKET	1	1.0 cu.	"	"				
VIBRATOR	1	18' shaft	"	"				
GENERATOR	1	GAS powered	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 5.8% ; CONCRETE TEMPS = 75° ;							
	AIR TEMPS = 76° ; 3 Test Cylinders (LA-168)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	JERRY M. JUSTICE				C.O.E. REPRS: DAVID BEADLE			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

☐ CHECK OUT FOR

STRUCTURES

REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH East # 54

LIFT NO.

ONE

ELEVATION

from 2.50 to 14.40

DATE OF POUR

4-16-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-16-96	2:30	D. Beadle	4-16-96	2:35
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-16	2:30	D. Beadle	4-16-96	2:35
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-16	2:35	D. Beadle	4-16-96	2:40
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	4-16	2:40	D. Beadle	4-16-96	2:40
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-16	2:40	D. Beadle	4-16	2:45		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.4	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-16	2:45	D. Beadle	4-16	2:45		
G. SAFETY (LIST)	Jmj	4-16	2:45	"	"	"		
1. Eye Protection	✓	"	"	✓				
2. Ladder	✓	"	"	✓				
3. Scaffold	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-16	2:45	D. Beadle	4-16	2:45		
Exp. Material	✓	"	"	✓				
FL-340 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	3:20	1.5				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 5.8% ; CONCRETE TEMPS = 75° ; AIR TEMPS = 76° ; 3 Test Cylinders (LA-168)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

✓ CHECK OUT FOR

STRUCTURE  
 REINFORC.

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH West # 55

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-16-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-16-96	11:45	D. Beadle	4-16-96	11:50
VERTICAL	✓	"	"	/	~	~
ALIGNMENT	✓	"	"	/	~	~
CLEANLINESS	✓	"	"	/	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-16	11:45	D. Beadle	4-16-96	11:50
CLEANLINESS	✓	"	"	/	~	~
WATERED	✓	"	"	/	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-16	11:50	D. Beadle	4-16-96	11:50
VERTICAL	✓	"	"	/	~	~
HORIZONTAL	✓	"	"	/	~	~
SPACING	✓	"	"	/	~	~
CLEARANCES	✓	"	"	/	~	~
STEEL SCHEDULE	✓	"	"	/	~	~
SHOP DRAWINGS	✓	"	"	/	~	~
TIE WIRES	✓	"	"	/	~	~
#6 BAR WELDED	✓	"	"	/	~	~
CLEANLINESS	✓	"	"	/	~	~
WATERED	✓	"	"	/	~	~
E. FORMWORK	Jmj	4-16	11:55	D. Beadle	4-16-96	11:50
CONDITION	✓	"	"	/	~	~

ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-16	11:55	D. Beadle	4-16	11:50		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.85'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-16	11:55	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	4-16	12:00	"	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-16	12:05	"	"	"		
EXP. Material	✓	"	"	✓	}	}		
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:25	2.25				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 75° ; AIR TEMPS = 76° ; 3 Test Cylinders (LA-168) FINAL CLEARANCE							
CONTRACTOR REPRS:				C.O.E. REPRS:				
Jerry M. Justice				David Beadle				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
323

TO Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Saturday - Monday  
13 - 15 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy and Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
00/100 0 %	00/100/0 %	100/100/ 0 %	100/100/0 %	100/100/0 %

TEMPERATURE

MINIMUM	MAXIMUM
59	70

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
2.75	0730 4/15 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal RIVER STAGE

FEET	TIME
3.3	0800 4/15 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 9	10 - 10	8 - 8	20 - 27

NUMBER OF SHIFTS

1  2  3

FROM	TO	FROM	TO	FROM	TO
0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, and Erosion Control
- b. \_\_\_\_\_
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

None

Days of no work and reasons for same:

100% days lost - None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

No work was performed during this period.

PERCENT PROJECT COMPLETE: 75.04  
PERCENT TIME ELAPSED: 79.65

DATE SET FOR COMPLETION: 3 July 1996

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

None

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

No work was performed during this period due to weekend and severe weather on Sunday causing heavy rains.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked adjacent roads for mud or runoff from rain and found all clean and in good condition.

INSPECTOR'S SIGNATURE

*David Beadle*

DATE

4-17-96

SUPERVISOR'S INITIALS

*gww*

DATE

4/19/96

4/22





MINUTES OF SAFETY MEETING

DATE: 4-15-96

TIME: 7:00 AM

PROJECT: London Avenue Floodwall

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice  
Paul Wright  
Richard A. Smith  
John D. Brown  
Willie Jackson  
John Smith  
John (Case)  
Ken Baker

Steve Thome  
Orvil Jones  
Edward Jones  
Richard A. Seep  
David M. Brown  
Garry Lee  
FRANK BERNARD  
Bryan Verdun  
Ed (Tony)

GLEN WEAVER

TOPICS DISCUSSED:

Discussed emergency action principals, or what to do in a first aid emergency situation. I instructed employees not to attempt to be paramedics; we are close enough to hospitals and ambulance service for us to attempt much medical care. The one treatment we may have to administer is to control bleeding from serious cuts or puncture wounds. The cleanest towel or cotton shirt available should be placed on the afflicted area, and direct pressure applied to the wound. Elevation of the wound above the level of the heart, and applying pressure to arteries leading to the wound are options to be considered when bleeding continues.

Mike Corneal  
Steve Vinson  
ROY Collins  
Matthew Suttler

COMMENTS:

One I-Wall scaffold on the west bank needs scaffold brackets and handrail posts added. The brackets are on 8' centers instead of 4' centers. Carpenter Foreman Bryan Verdun said that he would correct this before next use of the scaffold. Also told employees that "911" is our emergency phone number to call for police, fire, and First Aid/Ambulance. Be sure to give all information and the correct street address before hanging up, then wait by the road.

[Signature]  
 CONTRACTOR'S SUPERINTENDENT



**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	NO	0	8	—
Komatsu D37P Dozer	—				
Kubota 151 Excavator	—				
Case 580 Backhoe #1	—				
Case 580 Backhoe #2	—				
RAMEX Roller-Packer	—				
MKT Vibro Hammer V-5	—				
Fiat-Allis MotorGrader	—				
Mantis 3612 Crane	—				
Koehring 405 Crane	—				
J.S.W. Excavator	—				
Welding Machine	—				
Compressor + Sandblaster	—				
Komatsu 200 Exc. #2	—				
Koehring 535 Crane	—	↓	↓	↓	↓
EMV-300 Vib. Hammer	—				

**MATERIALS RECEIVED**

NONE RECEIVED TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked equipment on the levee for safety. Booms were lowered or secured, Backhoe buckets and dozer blades were lowered to the ground. Checked temporary flood protection; canal waters were no threat to breach our flood protection.

No other inspections performed today.

JOB SAFETY

Held the weekly safety meeting today at 7:00 AM in the Pratt Drive staging area. Find the minutes of the meeting attached to this report.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-16-96  
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
321 322

TO Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE ~~Thursday~~ Friday 12 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100%	100%	100%	100%	100%

MINIMUM	MAXIMUM
62	80

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.0 ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 3	1 - 8	

FEET	TIME
1.5	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 21	17 - 157	14 - 128	33 - 306

FROM	TO	FROM	TO	FROM	TO
0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Arcadia Re-bar - Re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Formed and poured 3 monoliths, finishing monoliths.
- b. Tied re-steel for monoliths.

Days of no work and reasons for same:

100% days lost - None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 75.04  
PERCENT TIME ELAPSED: 79.26

CoC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Observed contractor setting forms and pouring concrete for West Mono#54 and #61 and also East Mono #55. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cement finishers completed repairs on East Mono #67 and West Mono's #26 and #27(landside). Demolished existing floodwall from East B/L Sta. 120+50 to 120+70.

Re-steel - Arcadia Re-bar tied 5 top mats for west floodwall adjacent to Filmore St. bridge.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL.

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp	8	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Contractor discussed safe methods of lifting and installing re-steel top mats with crane operator's and crew, following yesterday's accident. Contractor submitted accident report to QAR.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

David Beadle.

4/16/96

hw

W

4/19/96



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/12/96

REPORT NO.: 401

SKIES: Cloudy - Pt. Cloudy RAIN: 0 IN. TEMP.: 62 MIN 80 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.5) NOISE: Moderate

WORK PERFORMED/LOCATION

① B&K Construction - Wrecked forms at East Mono. #56 and West Mono. #60, then patched holes and covered these walls for wet curing. Set forms and top re-steel mats at East Mono. #55 and West Mono. #61. Placed concrete at East Mono. #55, West Mono. #54, and West Mono. #61 today. Structural excavation was done from East B Sta. 86+06 to sta. 85+70. Formed + poured concrete stabilization slab from East B Sta. 86+20 to sta. 85+95. Installed one bond cable at East Mono. Joint #53-54, and welded #6 bond bar on top of A2-18 sheet piles at East Mono #54. Cut holes for rebar at East Mono #53. Cleared and grubbed vegetation at East B Sta. 120+40 to sta. 126+70. Demolished existing floodwall from East B Sta. 120+50 to sta. 120+70. Cement finishers completed repair work on East Mono. #67, and West Mono's #26 and #27 (Land Side only)

② Gill's Crane Service - Moved the Koehring 535 Crane and V-5 Vibratory hammer to the East Bank at Robert E. Lee Blvd. No other work performed.

③ Arcadia Rebar - Pre-tied 5 top re-steel mats for future use.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS Approx	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	120	B&K Const.	wrecking, cleaning, + setting up
13	Skilled	135	"	I-wall forms; pouring concrete at
1	Supt.	10	"	I-wall and stab. slab. structural
1	Q.C. Rep.	11	"	excavation; cathodic protection;
				Clearing + Grubbing; Selective
				Demolition; Curing + Finishing
				concrete. (SEE ABOVE)
1	Skilled	4	Gill's Crane	moving crane and hammer
2	Unskilled	8	"	to East Bank, Leon C. Simon.
				(SEE ABOVE)
3	Skilled	18	Arcadia Rebar	Tying reinforcing steel for
				I-wall (SEE ABOVE)



**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	6	2	—
Komatsu D37P Dozer	—	Yes	5	3	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	4	4	—
Koehring 535 Crane	—	Yes	4	4	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 54 c.y. of Mix #44-C concrete from Lafarge today and placed this material as follows: 16.5 c.y. in West Mono. #54; 16.5 c.y. in West Mono. #61; 19 c.y. in East Mono. #55; and 2 c.y. in East Bank Stabilization slab.

**TESTS PERFORMED  
(As required by plans/specifications)**

B+K Construction performed concrete test as required by the Contract on Lafarge's Mix #44-C today. Results are documented on the attached Concrete Field Data Summary Sheet. Three test cylinders were made from this material, to be delivered by B+K Construction to the Government Testing Lab.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected clearing + grubbing work done today on the East Bank. The dozer was used to strip grass, roots, etc. from the Flood side of the existing floodwall (Land side done previously). Materials from clearing + grubbing work were piled near Sta. 126+00 for later removal. All debris was removed to a depth of 3' below stab. slab grade; only a few roots + small logs were found. Finished product was free of any debris or obstructions for pile drivers.

Also checked structural excavation and stabilization slab work on the East Bank. The Case 580 backhoe was used to excavate soil on each side of the A2-18 sheet piles down to approx. elevation +2.10. Some hand digging and clean out around sheet piles was necessary. Stabilization slab forms were set at elevation +2.45 (0.05' allowed for shimming forms).

JOB SAFETY

Checked rigging on spreader beams, T-wall forms, and concrete buckets today. No unsafe rigging was found.

Discussed safe methods of lifting and installing Re-steel top mats with crane operator and crew, following yesterday's accident.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-15-96  
Date

FF CHECK OUT FOR

STRUCTURES  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 54

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-12-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-12-96	12:05	D. Beadle	4/12/96	12:10
VERTICAL	/	"	"	/	~	~
ALIGNMENT	/	"	"	/	~	~
CLEANLINESS	/	"	"	/	~	~
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-12	12:05	D. Beadle	4/12/96	12:10
CLEANLINESS	/	"	"	/	~	~
WATERED	/	"	"	/	~	~
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-12	12:10	D. Beadle	4/12/96	12:10
VERTICAL	/	"	"	/	~	~
HORIZONTAL	/	"	"	/	~	~
SPACING	/	"	"	/	~	~
CLEARANCES	/	"	"	/	~	~
STEEL SCHEDULE	/	"	"	/	~	~
SHOP DRAWINGS	/	"	"	/	~	~
TIE WIRES	/	"	"	/	~	~
#6 BAR WELDED	/	"	"	/	~	~
CLEANLINESS	/	"	"	/	~	~
WATERED	/	"	"	/	~	~
E. FORMWORK	Jmj	4-12	12:10	D. Beadle	4/12/96	12:10
CONDITION	/	"	"	/	~	~

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmg</i>	4-12-96	12:10	D. Beadle	4-12-96	12:15		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.87'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	<i>Jmg</i>	4-12	12:15	D. Beadle	"	"		
G. SAFETY (LIST)	<i>Jmg</i>	4-12	12:15	"	"	"		
1. Scaffolding	✓	"	"	✓				
2. Ladder	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmg</i>	4-12	12:15	D. Beadle	"	"		
Exp. Material	✓	"	"	✓				
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:20	2				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18' Shaft	"	"				
Generator	1	Gas Powered	"	"				
J. REMARKS	SLUMP = 4.25" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 74° ;							
	AIR TEMPS = 76° ; 3 Test Cylinders (LA-167)							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry M. Justice</i>				C.O.E. REPRS: <i>David Beadle</i>				
<b>INSTRUCTIONS</b>								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FC CHECK OUT FOR

STRUCTURES  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave  
Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH East # 55

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 4-12-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	4-12-96	1:45	D. Beadle	4/12/96	1:50
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	4-12	1:45	D. Beadle	"	"
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	4-12	1:50	D. Beadle	4/12/96	1:50
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	4-12	1:50	D. Beadle	4/12/96	1:50
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	4-12-96	1:50	D. Beadle	4/12/96	1:50		
CLEANLINESS	✓	"	"	—				
RELEASING AGENT	✓	"	"	—				
TIES AND BOLTS	✓	"	"	—				
LENGTH 28.40'	✓	"	"	—				
WIDTH 2.25'-1.00'	✓	"	"	—				
HEIGHT 11.90'	✓	"	"	—				
WATERSTOPS	✓	"	"	—				
CHAMFER STRIPS	✓	"	"	—				
F. WEATHER PROTECTION	Jmg	4-12	1:55	D. Beadle	4/12/96	1:50		
G. SAFETY (LIST)	Jmg	4-12	1:55	"	"	"		
1. Eye Protection	✓	"	"	—				
2. Ladders	✓	"	"	—				
3. Scaffolds	✓	"	"	—				
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	4-12	1:55	D. Beadle	"	"		
Exp. Material	✓	"	"	—				
FL-340 Anchors	✓	"	"	—				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	2:20	2,25				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.25" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 73° ;							
	AIR TEMPS = 76° ; 3 Test Cylinders (LA-167)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FF CHECK OUT FOR

STRUCTURES  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leop C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

LIFT NO.

ELEVATION

DATE OF POUR

West # 61

one

from 3.50 to 14.40

4-12-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	4-12-96	2:00	D. Beadle	4-12-96	2:05
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmg	4-12	2:00	D. Beadle	4-12-96	2:05
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	4-12	2:05	D. Beadle	4/12/96	2:05
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	4-12	2:05	D. Beadle	4/12/96	2:05
CONDITION	✓	"	"	✓	2	2

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-12-96	2:05	D. Beadle	4-12-96	2:10		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.70'	✓	"	"	✓				
WIDTH 1.75-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-12	2:10	D. Beadle	4-12-96	2:10		
G. SAFETY (LIST)	Jmj	4-12	2:10	"	"	"		
1. Scaffold	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Eye Protection	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-12	2:10	D. Beadle	"	"		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	4:20	1.75				
Bucket	1	1.0 c. y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 73° ;							
	AIR TEMPS = 76° ; 3 Test Cylinders (LA-167)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								



B & K CONSTRUCTION COMPANY, INC.  
 LONDON VENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-12-96

Pour Location West I-Wall Monolith #54 + #61;

Supplier - LAFARGE CONCRETE COMPANY  
EAST I-WALL MONO. #55; East Bank Stab. Slab <sup>86+20 to</sup> <sub>85+95</sub>

Type of Mix used #44-C

Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CHPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLODED	TIME SAMPLED	C. Y.
321537	12:16	1:05	4.25°	.0	4.25 <sup>x</sup>	74° 76°	5.0	-	12:40	9
321560	1:20	2:32	3.0°	10 Gal	4.0°	74° 76°	-	-	1:30	9
321605	2:22	3:25	4.25°	.0	4.25°	73° 76°	-	-	2:30	9
321666	4:26	4:45	4.0°	.0	4.0°	74° 75°	-	-	4:30	9
321632	3:25	4:00	3.0°	15 Gal	4.5 <sup>x</sup>	73° 76°	5.6	3	3:30	9
321680	5:13	6:11	4.0°	.0	4.0°	73° 74°	-	-	5:15	9

Test Cylinder set #LA-167

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:

Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
321

TO: Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

PROJECT: Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACTOR (Or hired labor): B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

DATE: Thursday  
11 April 1996

CONTRACT NUMBER  
DACW29-94-C-0079

WEATHER  
P. Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE

MINIMUM 57	MAXIMUM 77
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION  
INCHES 0.0 ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
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Canal RIVER STAGE  
FEET 1.4 TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 22	SKILLED 18 - 159	LABORERS 13 - 123	TOTAL 33 - 304
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Gills' Crane Service - Sheetpile
- c. Arcadia Rebar - Re-steel

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Formed and poured 2 monoliths, cut sheet pile, finishing monoliths
- b. Drove new CZ-101 sheetpiles.
- c. Tied re-steel for monoliths.

Days of no work and reasons for same:

100% days lost - None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 75.0

PERCENT TIME ELAPSED: 79.13

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Sheetpile - " " " " .  
Re-steel - " " " " .

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Observed contractor setting forms and pouring concrete for West Mono #60 and East Mono #56. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut off existing MP-112 sheetpiles from East B/L Sta. 86+30 to 86+00. Cement finishers completed repairs on East Mono#66 -landside, West Mono's #24 and #25 on landside.

Sheetpile - Gill's Crane Service drove new CZ-101 sheetpiles for new I-wall on west side between B/L Sta. 99+55.60 to Sta. 100+23.60 (38 pieces - 20.25 ft long).

Re-steel - Arcadia Re-bar tied re-steel for East Mono #55.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	9	QAR
C. Wagner	Civil Engr	2	PE

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)

B&K employee - Albert Brown was injured when spreader beam used to pick up steel mats for I-wall fell and struck him on the back of his neck and head, while he was leaning over the top of the form to try and level off steel mat as it was placed into bottom re-steel. Emergency medical personnel were called and Mr. Brown was strapped to back board and removed from the top of the form and taken to emergency at Charity Hospital. hoisting a load. Instructed contractor not to have personnel working under spreader beam while it is hoisting a load.

INSPECTOR'S SIGNATURE D. Beadle <i>David Beadle</i>	DATE 4/15/96	SUPERVISOR'S INITIALS <i>Y</i>	DATE 4/14/96
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QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/11/96

REPORT NO.: 400

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 57 MIN 77 MAX

DUST: Minimal / LEVEE CONDITION: Dry CANAL GAUGE: (1.4) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Completed forming West Mono. #60, then placed concrete at West Mono. #60 and East Mono. #56. Set forms and re-steel at West Mono. #54 (not poured yet). I-Wall forms at West Mono. #53 were wrecked, then cleaned and set up again at West Mono. #54. Tie-bolt holes were patched, and then wet burlene blankets were placed over this wall for curing. Formed and poured stabilization slab from East B sta. 86+60 to 86+20, and from West B sta. 93+80 to sta. 95+20. Cut holes for rebar at East Mono. #55, and welded #6 bond bars on top of AZ-18 sheet piles at the same monolith. Cement finishers completed repairs on East Mono. #66 (Land side), and on West Mono. #24 and #25 (Land side). Cut off existing MP-112 sheet piles from East B sta. 86+30 to sta. 86+00.

Gill's Crane Service - Drove new cz-101 sheet piles from West B sta. 99+55.00 to sta. 100+23.00 (38 pieces at 20.25' long each piece). Drove sheet piles through the two P.I.'s at sta. 99+53 and 99+96 today.

Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #55, then pre-tied 3 top mats of reinforcing steel for future placement.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	115	B+K Const.	Forming + pouring concrete I-wall
14	Skilled	135	"	and stabilization slab; curing
1	Supt.	10.5	"	and finishing concrete; cutting
1	Q.C. Rep.	11.5	"	holes for rebar; welding #6 bond bars;
				Cutting off existing sheet piles;
				Setting + tying top re-steel mats.
				(SEE ABOVE)
2	Skilled	16	Gill's Crane	Driving new cz-101 sheet
1	Unskilled	8	"	piles (SEE ABOVE)
2	skilled	8	Arcadia Rebar	Tying reinforcing steel for I-wall
				(SEE ABOVE)

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	4	4	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	6	2	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	4	4	—
Koehring 535 Crane	—	Yes	8	0	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received cubic yards of concrete (mix #44-c) from Lafarge Concrete Company today, and placed this material as follows: 19 c.y. in East Monolith #56; 17 c.y. in West Mono. #60; 10 c.y. in West B Stabilization slab; and 3.5 c.y. in East B Stabilization slab.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested concrete delivered by Lafarge Concrete Company today. Find results on the attached Concrete Field Data Summary sheet.

Delta Testing monitored vibrations caused by sheet pile driving work near West B Sta 99+75 today. Results are furnished to the Orleans Level Board.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

I checked the I-Wall formwork, re-steel, and other embedded items on West Mono. #60 and East Mono. #56 today. Re-steel clearances had to be adjusted to give  $2\frac{1}{2}$ " clear on each end. Chairs were added as needed to give  $2\frac{1}{2}$ " clearance along each side. Waterstops, exp. material, chamfer strips, and FL-340-FL-400 anchor bolts were all incorporated into these walls correctly. The required checklists (LMN Form #1246) were completed prior to concrete placement by myself and the Government Q.A.R. - Inspector.

Also checked sheet piles driven today on the West Bank. Alignment was correct, including the P.I.'s, within  $0.15'$  plus or minus. Cut off elevation was  $+6.25'$  for the work done today and was within  $0.08'$  plus or minus. All piles were new CZ-101's,  $20.25'$  long each, fully interlocked. No obstructions were encountered today.

JOB SAFETY

Accident at West Mono. #54 today brought to light a danger that exists to employees setting re-steel mats on I-walls. The steel spreader beam used to hang steel mats is directly over employees heads and a pinch point exists between the beam and the I-wall forms. A new method of accomplishing this work was devised today to keep employees out of this pinch point danger.

REMARKS

\* An accident occurred today with injury to an employee (AL Brown) on the West Bank at Monolith #54. The accident happened at approx. 2:00 PM, and "Priority F.M.S." administered emergency care and brought Mr. Brown to Charity Hospital Emergency. The prognosis is excellent for a full and speedy recovery.

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-12-96

Date



FC CHECK OUT FOR

STRUCTURE  
 REINFORC

CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO.

DACW29-94-C-0079

MONOLITH East # 56

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 4-11-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	4-11-96	11:00	D. Beadle	4-11-96	11:10
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	4-11	11:00	D. Beadle	4-11-96	11:10
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	4-11	11:05	D. Beadle	4-11	11:10
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmd	4-11	11:10	D. Beadle	"	"
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-11-96	11:10	D. Beadle	4-11-96	11:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.45'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-11	11:15	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	4-11	11:15	"	"	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-11	11:20	"	"	"		
Exp. Material	✓	"	"					
FL-340 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	1:10	2				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' Shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 74° ;							
	AIR TEMPS = 74° ; 3 Test Cylinders (LA-166)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry N. Justice			C.O.E. REPRS:			David Beadle	
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

FC CHECK OUT FOR

STRUCTURE  
 REINFORCED CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 40

LIFT NO. one

ELEVATION from 3.50 to 14.40

DATE OF POUR 4-11-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	4-11-96	12:45	D. Bealle	4-11-96	12:50
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmj	4-11	12:45	D. Bealle	4-11	12:50
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	4-11	12:50	D. Bealle	4-11	12:50
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	4-11	12:50	D. Bealle	"	"
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmf</i>	4-11-96	12:55	<i>D. Beadle</i>	4-11-96	1:00		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.87'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	<i>Jmf</i>	4-11	1:00	"	"	"		
G. SAFETY (LIST)	<i>Jmf</i>	4-11	1:00	"	"	"		
1. Ladder	✓	"	"	✓				
2. Scaffold	✓	"	"	✓				
3. Rigging	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmf</i>	4-11	1:05	"	"	"		
FL-400 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	2:30	2				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 73° ;							
	AIR TEMPS = 73° ; 3 Test Cylinders (LA-166)							
FINAL CLEARANCE								
CONTRACTOR REPRS:				C.O.E. REPRS:				
<i>James M. Justice</i>				<i>David Beadle</i>				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4.11.96

Pour Location West I-Wall Monolith #60; EAST MONO #56

Supplier - LAFARGE CONCRETE COMPANY WEST STAB. SLAB. 93+80 → 95+20.

Type of Mix used #44-C Required Strength 3000 P.S.I. at 90 days

TICKET NO	TIME ARRVD	TIME CHPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
320902	7:40	8:15	3.0°	20 Gal.	5.0°	70° 70°	-	-	7:45	10
321143	1:08	1:25	2.0°	10 Gal.	4.5°	72° 74°	-	-	1:15	8.5
321183	2:00	2:40	2.0°	20 Gal.	4.5 <sup>x</sup>	72° 74°	6.0	2	2:05	8.5
321192	2:33	3:16	2.5°	15 Gal.	4.0 <sup>x</sup>	74° 74°	5.3	-	2:45	9
321216	2:42	4:00	2.25°	15 Gal.	4.0°	73° 73°	-	-	2:45	8.5
321238	4:06	4:35	1.5°	15 Gal.	4.5°	73° 73°	-	-	4:15	5

Test Cylinder Set #LA-166

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thome

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
320

TO: Area Engineer,  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Wednesday  
10 April 1996

PROJECT: Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
--------------------------------	----------------------------	---------------------	-------------------	--------------------

TEMPERATURE

MINIMUM 56	MAXIMUM 76
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.0	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
-------------	--------	--------	---------------------	----------------	-------

Canal ~~RIVER~~ STAGE

FEET 1.4	TIME 0800	M
-------------	--------------	---

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 20	SKILLED 16 - 139	LABORERS 13 - 117	TOTAL 31 - 276
-----------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS

1  2  3

FROM 0700	TO 1800	FROM M	TO M	FROM M	TO M
--------------	------------	-----------	---------	-----------	---------

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition and Erosion Control
- b. Gill's Crane Service - Sheetpile
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Formed and poured 1 mono, cut sheet pile, finishing monoliths.
- b. Drove new CZ-101 sheetpiles.

Days of no work and reasons for same:

100% days lost - None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 74.7  
PERCENT TIME ELAPSED: 79.0

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Sheetpile - No instructions given.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Observed contractor setting forms and pouring concrete for West Mono #53. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut off existing MP-112 sheet piles one foot below finish grade from East B/L Sta. 86+80 to 86+30. Cement finishers completed repairs of East Mono #65 and West Mono #12 and #11 on landside.

Sheetpile - Gill's Crane Service drove new CZ-101 sheetpiles for west I-wall between Sta. 99+05.15 to Sta. 99+55.60(28 pieces - 20.25 ft long).

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL:

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	8	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Checked hoist cable on Mantis 3612 crane and found in good condition.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

*David Beadle*

4/15/96

*yp*

*W*

4/17/96  
4/16/96





QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/10/96

REPORT NO.: 399

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 56 MIN 76 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.4) NOISE: Moderate

WORK PERFORMED/LOCATION

B&K Construction - Wrecked forms at East Mono. #57, then patched holes and covered this wall with wet burlene blanket. Set forms and top re-steel at West Mono. #53, then placed concrete at West Mono. #53. Performed structural excavation from East B Sta. 86+50 to Sta. 86+00, and from West B Sta. 99+00 to Sta. 100+40. Demolished existing floodwall from West B Sta. 99+45 to 100+05 to allow sheet pile driving work through P.I.'s. Installed one bond cable at East Mono. Jt. #55-54, and welded #6 bond bar on top of existing sheet piles at East Mono. #56. Cut holes for rebar at East Mono. #56. Set forms and tied bottom and top re-steel at East Mono #56 (Not poured yet). Cut off existing MP-112 sheet piles one foot below F.G. from East B Sta. 86+80 to Sta. 86+30. Cement finishers completed repairs on East Mono. #65 and West Mono's #12 and #11 (Land side).

Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 99+05.15 to Sta. 99+55.62 (28 pieces at 20.25' long each). Also cut off existing AZ-18 sheets at elev. +5.25 from East B Sta. 86+00 to Sta. 85+50.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	110	B&K Const.	Wrecking + setting up I-wall
14	Skilled	125	"	forms; Structural excavation;
1	Supt.	10	"	Tying and setting re-steel;
1	Q.C. Rep.	10	"	Forming + Pouring concrete
				Stab. slab; Placing I-Wall
				concrete; Cutting holes for rebar;
				cutting off existing sheets; Selective
				Demolition; Finishing + curing concrete.
2	Skilled	14	Gill's Crane	Driving CZ-101 sheet Piles;
1	Unskilled	7	"	cutting off existing AZ-18 sheet
				piles. (SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	5	3	—
Komatsu D37P Dozer	—	yes	4	4	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	YES	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	4	4	—
Koehring 535 Crane	—	yes	7	1	—
Emv-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received 17 cu. y. of concrete for west Mono. #53 today from Lafarge Concrete Company (Mix Design #44-C). Delivery tickets and batch weights were furnished to the Government Inspector.

**TESTS PERFORMED**

(As required by plans/specifications)

BTK Construction tested concrete shown above (under "materials received"). Find results attached on the Concrete Field Data Summary sheet.

Delta Testing monitored vibrations caused by sheet pile driving work today near west B Sta. 99+00. Results are furnished to the Orleans Level Board. The technician on site stated that at no time did vibration readings become excessive.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected the sheet piles driven on the west bank today. CZ-101 piles were new, with no damage or defects, and were 20'-3" long. All piles were interlocked together for the full vertical length. Plumbness was checked and found to be within 0.01' per foot in both planes. Alignment was found to be within 0.10' plus or minus of theoretical. Cut-off elevation was +6.25, except at each monolith joint, where one pair of sheet piles on either side of the joints was driven 9" lower (elevation found to be within 0.08' of theoretical).

Checked structural excavation work also on East and West Banks today. Width of excavations was  $\pm 6'$ ; 3' each way from  $\phi$ . Btm. of excavation was +3.10 (West) and +2.10 (East), plus or minus 0.10'. Excavated materials all appeared suitable for use in backfill or embankment.

JOB SAFETY

Checked ladders on the East and West Bank today. Ladders were all in good condition. Carpenter crews had ladders set up properly and tied off with wire to prevent movement.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-11-96  
Date

B & K CONSTRUCTION COMPANY, INC  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4.10.96

Pour Location West I-Wall Monolith #53

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C

Required Strength 3000 P.S.I.  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
320817	3:30	4:20	2.5"	25Gal.	5.0 <sup>x</sup>	73° 76°	5.5	3	3:50	9
320845	4:32	5:26	1.5"	28Gal.	5.0 <sup>x</sup>	72° 75°	5.1	-	4:45	8

Test Cylinder Set #LA-165

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thorne

CHECK OUT FOR  STRUCTURES  
 REINFO.  CONCRETE FLOODWALL

**JOB** Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. **CONTRACT NO.** DACW29-94-C-0079

**MONOLITH** West# 53 **LIFT NO.** ONE **ELEVATION** from 3.50 to 14.40 **DATE OF POUR** 4-10-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
<b>A. SHEET PILING</b>	JmJ	4-10-96	1:30	D. Beadle	4-10-96	1:45
VERTICAL	✓	"	"	✓	✓	✓
ALIGNMENT	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
<b>B. CONCRETE PILING</b>	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
<b>C. STAB. SLAB/JOINTS</b>	JmJ	4-10	1:30	D. Beadle	4-10-96	1:45
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
<b>D. STEEL REINFORCING</b>	JmJ	4-10	1:35	D. Beadle	4-10-96	1:45
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
<b>E. FORMWORK</b>	JmJ	4-10	1:35	D. Beadle	4-10-96	1:45
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	4-10-96	1:40	D. Beadle	4-10-96	1:45		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 10.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	<i>Jmj</i>	4-10	1:45	D. Beadle	"	"		
G. SAFETY (LIST)	<i>Jmj</i>	4-10	1:45	D. Beadle	"	"		
1. Eye Protection	✓	"	"	✓	}	}		
2. Ladder	✓	"	"	✓				
3. Scaffold	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	4-10	1:45	D. Beadle	"	"		
FL-400 Anchors		"	"		✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:30	2				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18' Shaft	"	"				
Generator	1	Gas Powered	"	"				
J. REMARKS	SLUMP = 5" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 73° ;							
	AIR TEMPS = 76° ; 3 Test Cylinders (LA-165)							
FINAL CLEARANCE								
CONTRACTOR REPRS:				C.O.E. REPRS:				
<i>Jerry Mc Justice</i>				<i>David Beadle</i>				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

319

TO: Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Friday - Tuesday  
5 - 9 April 1996

PROJECT ~~Lake Pontchartrain~~, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE

MINIMUM 50	MAXIMUM 75
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.0	ENDING 0800	M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
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Canal RIVER STAGE

FEET 1.0	TIME 0730	M
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NUMBER OF CONTRACTOR'S EMPLOYEES 04/09/96

NUMBER OF SHIFTS  1  2  3

SUPERVISORY 2 - 21	SKILLED 18 - 151	LABORERS 13 - 112	TOTAL 33 - 274	FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, and Erosion Control
- b. Gill's Crane Service - SheetPile
- c. Arcadia Re-bar - Re-steel

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Formed and poured 1 mono, cut off existing sheet pile, finishing monoliths.
- b. Drove new CZ-101 sheetpiles.
- c. Tying resteel for new monoliths.

Days of no work and reasons for same:

100% days lost - None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this period.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 74.5  
PERCENT TIME ELAPSED: 78.86

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Sheetpile - " " " " "  
Re-steel - " " " " "

Floodwall - Observed contractor setting forms and pouring concrete for East Mono #57. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono prior to placement of concrete. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut off existing MP-112 sheet piles one foot below final grade from East B/L Sta. 97+60 to 96+65. Cement finishers completed repairs on East Mono #64 and half of #65 landside and West Mono's #14 and #13, landside.

Sheetpile - Drove new CZ-101 sheet piles between West B/L Sta. 98+07.75 to 99+05.15 (54 pieces - 20.25' long).

Re-Steel - Arcadia Re-steel tied re-steel for West Mono #53.

No QA checks were made between Friday, 5 April to Monday, 8 April due to weekend and QAR being on annual leave.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp	7 (4/09/96)	QAR

SAFETY: (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Ironworkers wearing proper hand gloves, hard hats, safety shoes and safety glasses during tying of re-steel for I-wall.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

David Beadle

*David Beadle*

4/12/96

*YD*

*YD*

*4/15/96*





QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/8/96

REPORT NO.: 397

SKIES: Clear

RAIN: 0"

IN. TEMP.: 52MIN 72MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.5) NOISE: Moderate

WORK PERFORMED/LOCATION

4-5-96 No Work Performed - "GOOD FRIDAY"

4-6-96 NO WORK Performed - Saturday

4-7-96 No work Performed - "Easter Sunday"

① 4-8-96 Monday - B&K Construction -

Cut holes for rebar at East Mono. #57, and welded #6 rebar on top of AZ-18 sheet piles at East Mono. #57. Tied bottom re-steel at East Mono. #57 (Arcadia Rebar not here today). Continued form repair and modification in the yard; these will be moved back to Filmore tomorrow.

Set slab. slab forms from West B Sta. 93+80 to Sta. 95+20 (not poured yet). Cut off existing MP-112 sheet piles one foot below F.G. from East B Station 87+05 to Sta. 86+80.

Cement finishers completed repairs on East Mono. #63 (Land Side) and West Mono. #16 and #15 (Land Side). Wrecked forms at East Mono #58. Patched holes and covered this wall with wet burlene blanket. Set forms at East Mono. #57 (Not poured yet).

② Barnes Electric Company - Temporarily relocated feeder line FL-400 towards the Canal from West B Sta. 70+40 to Sta. 100+25. Some minor adjustments to relocation are required at each end to accommodate I-Wall construction (Barnes Electric will correct this).

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) Approv.	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	115	B&K Const.	Wrecking + forming up I-Wall
14	Skilled	125	"	Mono. #16; Cathodic Protection
1	Supt.	10	"	work; Form repair and mod.;
-	Q.C. Rep.	-	"	Cutting off existing sheet piles;
				Finishing concrete walls; Curing
				Concrete; Unloading re-steel for
				I-Wall. (SEE ABOVE)
2	Skilled	16	Barnes Elect.	Temp. Relocation of FL-400
3	Unskilled	24	"	(SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	No	0	8	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	4	4	—
Koehring 535 Crane	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

Received Reinforcing steel from Culich Steel Company for 18 more I-wall monoliths on the west Bank (between Filmore and the Siphon pipes.) Material Test reports and Mill Certificates were furnished to the Government Inspector.

**TESTS PERFORMED**

(As required by plans/specifications)

None Performed Today

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected the concrete repair work and cement finishing work done on the East and West Banks today. Holes and honeycomb areas were chipped out, then patched and floated out smooth. Form lines and other protrusions were rubbed or chipped smooth. Overall quality of work was good.

Inspected forms being repaired in the yard. New plywood was installed as needed. Form work support members were aligned, straightened, and bolted or welded in place. Fractured fin form liner was replaced only as needed, but all defective areas have been repaired.

JOB SAFETY

Checked rigging used to lift forms in the yard. Spreader beam was used to distribute the load. Rigging was properly connected, and in good condition.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-9-96  
Date

( QUALITY CONTROL REPORT )  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/9/96

REPORT NO.: 398

SKIES: Clear

RAIN: 0 IN. TEMP.: 55 MIN 74 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Poured concrete at East Monolith #57. Formed + poured concrete stabilization slab from East B Sta. 86+90 to sta. 86+60, and from West B Sta. 85+85 to Sta. 85+95. Performed structural excavation from East B Sta. 86+80 to Sta. 86+50. Installed one bond cable at East Mono. Joint #56-55. Hauled off one load of trash and debris from construction, cleaned up along the levee previously. Moved all I-Wall forms by truck + trailer from the yard back to Filmore - West Bank to begin placing concrete tomorrow. Adjusted feeder cable FL-400 at Filmore Ave. to give adequate clearance for construction. Cut off existing MP-112 Sheet piles one foot below F.G. from East B Sta. 97+60 to sta. 96+65. Scrap pieces still are stacked on the Canal side to be hauled off later. Cement finishers completed repairs on East Mono's #64 and half of #65 (Land Side) and on West Mono's #14 and #13 (Land Side).

② Gill's Crane Service - Drove new C2-101 sheet piles from West B Station 98+07.75 to sta. 99+05.15 (54 pieces at 20.25' long each).

③ Arcadia Rebar - Tied bottom reinforcing steel at West mono. #53, and pre-tied two top mats of re-steel for future placement on the West Bank.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	105	B+K Const.	Placing concrete in I-Wall and
14	Skilled	125	"	Stab. slab; structural excavation;
1	Supt.	10	"	Cathodic protection; General cleanup;
1	Q.C. Rep.	11	"	Cutting off existing MP-112 sheet piles; Finishing and curing I-Wall concrete; Moving I-Wall forms to work area (SEE ABOVE)
2	Skilled	14	Gill's Crane	Driving new C2-101 sheet piles
1	Unskilled	7	"	for I-Wall (SEE ABOVE)
2	Skilled	12	Arcadia Rebar	Tying reinforcing steel for I-Wall (SEE ABOVE)

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	5	3	—
Komatsu D37P Dozer	—	yes			
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	4	4	—
Koehring 535 Crane	—	yes	7	1	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 19 cu. y. of concrete for East Monolith #57, and 3 cu. y. of concrete for East Bank stabilization slab. All of this material was Lafarge Concrete Company's Mix Design #44-C.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction performed concrete testing and molded 3 test cylinders from today's concrete delivery. See attached sheet for Concrete Field Data.

Delta Testing monitored vibrations caused by sheet pile driving near West B Station 99+00. Results are furnished to the Orleans Levee Board.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked formwork on East Mono #57  
Prior to commencing concrete placement today.  
Top of wall elevation was found to be +14.42  
Land Side and 14.40 Canal Side, plus or  
minus 0.02'. Form condition was fair, and  
fractured fire form liner was installed as  
required on both the Land Side and the  
Canal side of this monolith, as was Mono  
#58 (which was tapered - Canal Side). Plumbness and  
form alignment were checked and found to  
be correct. Width of forms was 2.25'  
on the bottom section and 1.00' on the  
top or stem section. Waterstops, FL-  
340 anchor bolts, expansion material, and chapter  
strips were correctly incorporated. Rebar  
steel was also checked - No deficiencies  
noted.

JOB SAFETY

checked rigging used to lift T-wall  
forms and concrete bucket. No excessive  
wear or damage rigging parts were  
found. Methods of rigging were also  
checked, and found to be safe.

REMARKS

I certify to the best of knowledge that this report is complete  
and correct; and that all work methods, materials and equipment are  
in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-10-96  
Date



FC CHECK OUT FOR  STRUCTUP  REINFORC CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd. CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 57 LIFT NO. One ELEVATION from 2.50 to 14.40 DATE OF POUR 4-9-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	4-9-96	11:15	D. Beadle	4/9/96	11:30
VERTICAL	✓	"	"	✓		
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	Jmd	4-9	11:15	D. Beadle	4/9/96	11:30
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	4-9	11:20	D. Beadle	4/9/96	11:30
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmd	4-9	11:25	D. Beadle	4/9/96	11:30
CONDITION	✓	"	"	✓		



ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-9-96	11:25	D. Beadle	4-9-96	11:30		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.45'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	4-9	11:30	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	4-9	11:30	"	"	"		
1. Eye Protection	✓	"	"	✓	}	}		
2. Ladder	✓	"	"	✓				
3. Scaffold	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-9	11:30	D. Beadle	"	"		
Exp. material	✓	"	"	✓	}	}		
FL-340 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:45	1.25				
Bucket	1	1.25 C.Y.	"	"				
Vibrator	1	18" Shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" + 4.5" ; AIR ENTR. = 6.0% + 5.3% ; CONCRETE TEMPS = 72° + 72° ; AIR TEMPS = 77° + 77° ; 3 Test Cylinders (LA-164)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: David Beadle				
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

B K CONSTRUCTION COMPANY, J  
 LONDON AVENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4-9-96

Pour Location East Monolith #57; East Bank Stabilization  
Slab from Station 86+90 to 86+60.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 P.S.I  
at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
320331	12:43	1:15	3.5°	10 Gal.	4.5 <sup>x</sup>	72° 77°	6.0	3	12:50	10
320350	1:20	1:59	3.75°	5 Gal.	4.5 <sup>x</sup>	72° 77°	5.3	-	1:30	9
320391	2:35	3:00	4.0°	-0-	4.0°	71° 77°	-	-	2:40	3

Test Cylinder Set # LA-164

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN:  
Steve Thorne

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
318

DATE  
Thursday  
4 April 1996

Area Engineer, CELMN-CD-NO COPY TO: C/Const. Div. CELMN-CD  
PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Clear

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
--------------------------------	----------------------------	---------------------	-------------------	--------------------

TEMPERATURE	
MINIMUM 60	MAXIMUM 77

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR	FEET 0.3	TIME 0800 M
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Canal RIVER STAGE

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3			
SUPERVISORY 2 - 19	SKILLED 16 - 139	LABORERS 14 - 122	TOTAL 32 - 275	FROM 0700 M	TO 1800 M	FROM M	TO M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, Erosion Control
- b. Gill's Crane Service - Sheetpile
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Placed 1 monolith, finishing floodwalls, continued form repairs.
- b. Drove new CZ-101 sheetpile for west floodwall.

Days of no work and reasons for same:

100% days lost - None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

PERCENT PROJECT COMPLETE: 74.0  
PERCENT TIME ELAPSED: 78.26

DATE SET FOR COMPLETION: 3 July 1996

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Sheetpile - " " " " " "

**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES**

Floodwall - Observed contractor setting forms and pouring concrete for East Mono #58. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono prior to placement of concrete. Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. Cut off existing MP-115 sheet piles one foot below final grade from West B/L Sta. 107+50 to 106+30. Cement finishers completed finishing on East Mono#62 canal side and West Mono's #19, #18 and #17-landside.

Sheet Pile- Sub - Gill's Crane Service drove new CZ-101 sheet pile from West B/L Sta. 97+17.55 to 98+07.75 (50 pieces - 20.3 ft). Also cut off existing AZ-18 sheet piles at elev. 5.25 from East B/L Sta. 86+75 to 86+00.

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
D. Beadle	Const. Insp.	7	QAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)**

Flagman controlling traffic during pouring of concrete I-wall, wore proper safety vests and safety flags.

INSPECTOR'S SIGNATURE D. Beadle <i>David Beadle</i>	DATE 04/10/96	SUPERVISOR'S INITIALS <i>ypw</i>	DATE <i>4/17/96</i> W <i>4/17/96</i>
--	------------------	-------------------------------------	--



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/4/96

REPORT NO.: 396

SKIES: Cloudy - Rain Shower Late Today RAIN: 0.25" IN. TEMP.: 60 MIN 77 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - set forms and placed concrete at East Monolith #58. welded #6 rebar on top of AZ-18 sheet piles at East Mono #58. Installed bond cables at East Mono. Joint #57-56. Cut off existing MP-115 sheet piles one foot below F.G. from West B Sta. 107+50 to Sta. 106+30. Poured concrete stabilization slab from West B Sta. 92+20 to 93+80, and from East B Sta. 87+15 to 86+90. Cleared & grubbed vegetation on the Land side of existing floodwall from East B Sta. 120+40 to Sta 126+70. Cleared materials piled up on the levee; Not hauled off yet. Cement finishers completed repair work on East Mono. #62 (Canal Side) and West Mono's #19, #18, and #17 (Land Side). Carpenters continued form repair and modification of I-Wall forms in the yard.

Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 97+17.55 to Sta. 98+07.75 (50 pieces at 20'-3" long each piece). Also cut off existing AZ-18 sheet piles at elev. +5.25 from East B Sta. 86+75 to Sta. 86+00. Hauled scrap metal off site for salvage.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY  
 COMPANY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	115	B+K Const.	Forming & Pouring concrete I-Wall
14	Skilled	125	"	and stab. slab; Cathodic
1	Supt.	10	"	Protection work; Cutting off
1	Q.C. Rep.	9	"	existing sheet piles; clearing
				& grubbing work; Repairing
				& modifying I-Wall forms;
				Cement finishing work.
				(SEE ABOVE)
2	Skilled	14	Gill's Crane	Driving new CZ-101 sheet
1	Unskilled	7	"	piles, and cutting off existing
				AZ-18 sheet piles.

QUALITY CONTROL REPORT  
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	3	5	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	7	1	—
Fiat-Allis MotorGrader	—	yes	2	4	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	5	3	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	4	4	—
Koehring 535 Crane	—	yes	7	1	—
EMV-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 31 cubic yards of concrete from Lafarge Concrete Company today, and placed this material as follows: 10 c.y. in West Bank Slab. Slab; 19 c.y. in East Monolith #58; 2 c.y. in East Bank Slab. slab. All this material was Mix Design #44-C, and copies of the delivery tickets were furnished to the Government Inspector.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested concrete delivered by Lafarge Concrete Company today. Results of these tests are documented on the attached Concrete Field Data Summary sheet. Three cylinders were molded, to be delivered to the Government Lab by BTK Const.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected formwork and embedded items at East Mon. #58 today prior to concrete placement. Form condition was good. The fractured fin on Flood Side was blocked out to form the tapered fin as required. Form alignment and plumbness were found to be correct within 0.02. Top elevation of I-Wall was +14.42 on Land Side and +14.40 on the Canal Side. Resteel clearances were adequate, between 2" and 3" at all points. Stainless steel anchor bolts for Feeder Line #340 attachment were installed correctly, as well as expansion material and water stops.

JOB SAFETY

Instructed laborers to clean up along the levee in work areas. This was begun today, and will continue Monday.

Checked flagmen for vests and traffic flags on Filmore Avenue. Laborers directing traffic were wearing orange vests and using orange flags.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice

Authorized Q C Representative

4-8-90

Date



B & K CONSTRUCTION COMPANY, INC.  
 LONDON VENUE CANAL FLOODWALL PROJECT  
 CONCRETE FIELD DATA SUMMARY

DATE: 4.4-96

Pour Location East I-Wall Monolith #58 ; East Stab. Slab 87+15 to 86+90 ; WEST STAB. SLAB. , 92+20 to 93+80.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used #44-C Required Strength 3000 PSI  
 at 90 days

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
319294	10:13	11:10	2.0°	30 Gal.	5.0°	70° 74°	-	-	10:40	10
319520	3:45	4:10	2.75°	5 Gal.	4.0 <sup>x</sup>	72° 73°	5.0	3	3:50	8
319541	4:25	5:00	2.75°	6 Gal.	4.25 <sup>x</sup>	72° 73°	5.4	-	4:35	8
319550	5:05	5:45	3.0°	5 Gal.	4.0°	72° 73°	-	-	5:10	5

REMARKS: Test Cylinder Set #LA-163

NOTE: "x" = Actual Slump Determination  
 "o" = Visual Slump Determination

TECHNICIAN: Steve Thome

FC CHECK OUT FOR

STRUCTURAL  
 REINFORC. CONCRETE FLOODWALL

JOB Lake Pontchartrain, LA. and Vicinity, London Ave Canal, Mirabeau Ave. to Leon C. Simon Blvd.

CONTRACT NO. DACW29-94-C-0079

MONOLITH East # 58

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 4-4-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	4-4-96	3:00	<i>D. Beadle</i>	4-4-96	2:45
VERTICAL	✓	"	"	✓	}	}
ALIGNMENT	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
B. CONCRETE PILING	N/A	N/A	N/A	N/A	N/A	N/A
ANGLE	N/A	N/A	N/A	N/A	N/A	N/A
HEADS	N/A	N/A	N/A	N/A	N/A	N/A
C. STAB. SLAB/JOINTS	<i>Jmj</i>	4-4	3:00	<i>D. Beadle</i>	"	"
CLEANLINESS	✓	"	"	✓	}	}
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A		
D. STEEL REINFORCING	<i>Jmj</i>	4-4	3:05	<i>D. Beadle</i>	4-4-96	2:45
VERTICAL	✓	"	"	✓	}	}
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	<i>Jmj</i>	4-4	3:10	<i>D. Beadle</i>	4-4-96	2:50
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	4-4-96	3:10	D. Beadle	4-4-96	2:50		
CLEANLINESS		"	"	/				
RELEASING AGENT	✓	"	"	/				
TIES AND BOLTS	✓	"	"	/				
LENGTH 28.42'	✓	"	"	/				
WIDTH 2.25'-1.00'	✓	"	"	/				
HEIGHT 11.90'	✓	"	"	/				
WATERSTOPS	✓	"	"	/				
CHAMFER STRIPS	✓	"	"	/				
F. WEATHER PROTECTION	Jmj	4-4	3:15	D. Beadle	"	"		
G. SAFETY (LIST)	Jmj	4-4	3:15	"	"	"		
1. Ladder	✓	"	"	/				
2. Scaffold	✓	"	"	/				
3. Rigging	✓	"	"	/				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	4-4	3:15	"	"	"		
Expansion Material	✓	"	"	/				
FL-340 Anchors	✓	"	"	/				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	3:45	1.25				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.0" + 4.25"; AIR ENTR. = 5.0% + 5.4%; CONCRETE TEMPS = 72° ;							
	AIR TEMPS = 73° ; 3 Test Cylinders (LA-163)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: David Beadle			
INSTRUCTIONS								
CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETERMINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.								

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
317

TO: Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Wednesday  
3 April 1996

PROJECT ~~Lake Pontchartrain, La. and Vicinity, London Ave. Canal,~~  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
--------------------------------	----------------------------	---------------------	-------------------	--------------------

TEMPERATURE	
MINIMUM 50	MAXIMUM 76

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.0	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 3	TOTAL 1 - 3	LABOR
-------------	--------	--------	---------------------	----------------	-------

FEET 0.9	TIME 0800 M
-------------	----------------

Canal RIVER STAGE

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2 - 20	SKILLED 16 - 149	LABORERS 14 - 132	TOTAL 32 - 301
-----------------------	---------------------	----------------------	-------------------

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, and Erosion Control
- b. Gill's Crane Service - Sheetpile
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

- a. Finishing monoliths, re-working I-wall forms, laying out wall alignment.
- b. Placing CZ-101 sheetpile for west floodwall.

Days of no work and reasons for same:

100% days lost- None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 73.70  
PERCENT TIME ELAPSED: 78.13

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Sheetpile- No instructions given.

**RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES**

Floodwall - Contractor cutting off existing MP\_115 sheet pile one foot below finish grade at West B/L Sta. 108+85 to 107+50. Contractor survey party established monolith detail and I-wall layout for west floodwall to tie-in to West Mono #111. Cement finishing crews completed repairs on East Mono #63 canal side and West Mono #21 and #20 landside. Repairing and re-working I-wall forms for west floodwall.

Sheetpile - Sub - Gill's Crane Service drove CZ-101 sheet pile on west side of canal between West B/L Sta. 96+30.90 to Sta. 97+17.55 (48 pieces - 20.3 ft long).

**VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)**

None

**CONTROVERSIAL MATTERS IN DETAIL.**

None

**INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.**

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

**REMARKS (include visitors to project and miscellaneous remarks pertinent to work)**

GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	7	QAR

**SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)**

Checked for fuel spills around fuel tank located in contractor's yard and found none.

INSPECTOR'S SIGNATURE

David Beadle

*David Beadle*

DATE

4/04/96

SUPERVISOR'S INITIALS

*yu*

DATE

4/17/96



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/3/96

REPORT NO.: 395

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 50 MIN 76 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.9) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Continued repair and modification of I-wall forms, moved two forms back to Filmore to complete the last seven double frac. fin monoliths. Moved CZ-101 sheet piles into position on the West Bank through Station 100+27 (where length of piles increases), cut off existing MP-115 sheet piles one foot below F.G. from West B Sta. 108+85 to Sta. 107+50 (scaps not hauled off yet). Installed bond cables at West Monolith Joints #82-83 through #89-90, surveyor established monolith detail and I-wall layout to tie-in to West Mono #111 (already cast in place), U.S. Army C.O.E. is looking over the layout and monolith Plan for their approval. Cement finishing crews completed repair work on East Mono #63 (Canal Side) and West Mono's #21 and #20 (Land Side).

Gill's Crane Service - Drove new CZ-101 sheet piles from West B Sta. 96+30.90 to Sta. 97+17.55 (48 pieces at 20'-3" Long each piece). Also unloaded stacks of CZ-101 sheet piles from B+K Truck and placed them over the existing floodwall in position to resume driving.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	125	B+K Const.	Repairing + modifying I-wall forms; moving forms to work area; Cutting off existing MP-115 sheet piles; Installing bond cables; Survey-layout of work; Finishing + repair work on completed I-wall monoliths. (SEE ABOVE)
14	Skilled	135	"	
1	Supt.	10	"	
1	Q.C. Rep.	10	"	
2	Skilled	14	Gill's Crane	Driving new CZ-101 sheet piles for I-wall (SEE ABOVE)
1	Unskilled	7	"	

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected cement finishing work done on the East and West Banks today. Completed I-Wall Monoliths were being repaired, patched, and finished over with a sand and cement mortar mix. Air holes, honeycombs and defective areas were first chipped and/or reamed to remove any loose material. Form joint lines were chipped or rubbed down even with adjacent concrete. Bonding agent was applied to all areas before mortar mixture was placed. The mortar consisted of 1 part cement and 2 1/2 parts fine aggregate (mason's sand). Cement was a blend of white portland and grey portland to match the color of existing concrete. Fractured fins were repaired or replaced as needed. No metal tools were used to finish exposed concrete surfaces.

JOB SAFETY

Checked ladders and scaffolds being used by cement finishing crews. Ladders were in good condition. Scaffolds were in fair condition. Older scaffold boards were being replaced with new 2x12 boards today.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-4-96

Date



**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	6	2	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	Yes	4	4	—
Koehring 535 Crane	—	Yes	6	2	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE RECEIVED TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile driving work near West B Sta. 97+00 today. Results are furnished to the Orleans Level Board.

No other tests performed today.

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL  
(ER 415-1-302)**

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
316

TO Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Tuesday  
2 April 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P. Cloudy and Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100 %	100 %	100 %	100 %	100 %

TEMPERATURE	
MINIMUM	MAXIMUM
48	72

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0.0	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal RIVER STAGE	
FEET	TIME
1.0	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 20	15 - 139	12 - 122	29 - 281

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3	
FROM	TO	FROM	TO	FROM	TO
0700 M	1800 M				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, and Erosion Control
- b. Arcadia re-bar - Install re-steel
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)

- a. Finishing monoliths, driving temporary sheetpiles for cofferdam.
- b. Tied bottom reinforcing steel.

Days of no work and reasons for same:

100% days lost - None  
50% days lost - 1 April 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 73.60  
PERCENT TIME ELAPSED: 78.00

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-Steel - " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - Drove temporary sheet piles for cofferdam on East bank for temporary flood protection between B/L Sta. 86+20 to 85+45. Contractor continues work on I-wall forms in yard. Cut holes for re-bar to pass through CZ-101 sheet piles at West Mono's #74 and 75. Cement finishers completed repair work on East Mono #64 (canal side) and West Mono #23 landside.

Arcadia Re-bar - Tied re-steel for West Mono's #69 - #73.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	QAR
C. Wagman	Civil Engr	2	PE

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)

Checked for leaks on Mantis 3612 crane and found none.

INSPECTOR'S SIGNATURE

*David Beadle*

DATE

4-03-96

SUPERVISOR'S INITIALS

*yw*

DATE

4/5/96  
*W* 4/4/96



# QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed driving of cofferdam  
sheet piling to a. 6.75' near Filmore Ave  
on east side. Total gap opening @ a. 6.75'  
is 700'. Also observed carpenters working on  
forms to be used on both sides of canal.  
Forms need to have fractured ties on both  
sides near Filmore Ave. Continuing to rob  
surfaces of T-wall filling voids & air pits.

Instructions to COC/Remarks: None given.

Chris J. Wagner Proj Engr  
 Name Title

QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/2/96

REPORT NO.: 394

SKIES: Clear + Cool

RAIN: 0

IN. TEMP.: 48 MIN 72 MAX

DUST: None

LEYEE CONDITION: Damp CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Installed bond cables at West Monoliths #77-#78 through #81-82. Worked on repair and modification of I-Wall forms in the Pratt Drive yard. Completed fabrication of bolted connection pieces for sheet pile tie-in at West B Sta, 85+90 ±; then drove these corner pieces and tied in to existing sheet piles at West B Sta, 85+90 ±. Drove temporary cofferdam sheet piles from East B Sta, 86+20 to Sta, 85+45. Closed off the Temp. Cofferdam to the existing floodwall with sandbag dam at East B Sta, 85+45. Cement finishers completed repair work on East Monolith #64 (Canal Side) and West Monolith #23 (Land Side). Survey crew layed out stakes for sheet piles through P.I. at West B Sta, 99+53. Cut holes for rebar to pass through C2-101 sheet piles at West Monoliths #74 and #75.

Arcadia Rebar - Tied bottom reinforcing steel at West Monoliths #69, #70, #71, #72, and #73. Also pre-tied two more top re-steel mats on the East Bank for future placement.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
	Unskilled		B+K Const.	Cathodic Protection Work; Repairing
	Skilled		"	and modifying I-Wall forms;
1	Supt.	10	"	Fabricating and installing bolted
1	Q.C. Rep.	10.5	"	connections for sheet pile tie-in to
				existing; Driving Temporary Flood
				Protection Sheet Piles; Finishing
				Concrete Surfaces of I-Wall
				Monoliths; Survey - Layout of Work
3	Skilled	18	Arcadia Rebar	(SEE ABOVE)
				→ Tying Reinforcing steel for
				I-Wall Monoliths.
				(SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	4	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	4	4	—
Case 580 Backhoe #2	—	yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	4	4	—
Koehring 535 Crane	—	No	0	8	—
Emv-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

*None Received Today.*

**TESTS PERFORMED**

(As required by plans/specifications)

*Delta Testing and Inspection monitored vibrations caused by sheet pile driving work today near East B Station 86+00. Results are being furnished to the Orleans Levee Board.*

*No other tests performed today.*

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Inspected bond cables installed on the West Bank today. #4 AWG cathodic protection cable (Type HMW-PE) by Kalas Manufacturing Company was used, along with Erico Products cadweld shots and Royston Products Handy-Caps. CZ-101 sheet piles were cleaned and sanded prior to exothermic welding process to assure a good bond. Welds were checked to make sure they were firmly attached to sheet piles. Epoxy coating caps were placed so as to cover all exposed copper wire and the weld areas. Bond cables were installed at each Month Joint shown on page #1, attached to each piece of sheet pile on either side of these joints. Attachment points were 4" to 6" below the bottom of stabilization slab at elevation +2.75 (plus or minus 2"). Existing soil was used to backfill the holes at cadwelds, then hand tamped for compaction.

JOB SAFETY

Checked workers for eye protection in the work area today. Carpenters wore approved safety glasses while operating skil Saws and grinders. Laborers who used grinders or other power tools also wore safety glasses. Torch operator wore approved burning goggles, along with leather gloves for safety.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

4-3-96  
Date



**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
315

TO: Area Engineer,  
CELMN-CD-NO COPY TO: C/Const. Div.  
CELMN-CD

DATE Saturday - Monday  
30 & 31 March - 1 April 96

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy and rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 20 %	BORROW EXCAVATION 20 %	EMBANKMENT 50 %	CONCRETE 50 %	STRUCTURE 50 %
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TEMPERATURE	
MINIMUM 56	MAXIMUM 75

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES 1.5	ENDING 0730 3/30/96 <sup>M</sup>

NUMBER OF GOVERNMENT EMPLOYEES Monday, 1 April 1996

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

FEET	TIME
1.5	0800 <sup>M</sup>

NUMBER OF CONTRACTOR'S EMPLOYEES NUMBER OF SHIFTS  1  2  3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2 - 20	15 - 139	12 - 122	29 - 281	0700 <sup>M</sup>	1800 <sup>M</sup>				

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, and Erosion Control
- b. Gill's Crane Service - Drive Sheetpile
- c. \_\_\_\_\_

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Remove concrete caps, finishing I-wall, cutting re-bar holes.
- b. Driving new CZ-101 sheetpiles.

Days of no work and reasons for same.

100% days lost - 7, 26 and 27 March 96.  
50% days lost - 1, 8, 25 and 28-31 March 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this period.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 73.50  
PERCENT TIME ELAPSED: 90.40

COC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Sheetpile - " " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES Monday, 1 April 1996

Floodwall - Removed and hauled off existing concrete caps of West floodwall between B/L Sta. 90+00 to 91+50. Cut holes in re-bar at West Mono's #71, #72 and #74. Cement finishers completed repair work on East Mono #65 (canal side and West Mono #22 - landside. Delta Testing came to the jobsite and took vibration readings during sheetpile driving and everything was OK. Contractor still re-working forms to place double sided monoliths near Filmore St. bridge.

Sheetpile - Gill's Crane Service drove CZ-101 sheet piles between B/L Sta. 95+29.90 to 96+30.90 on west side of canal. ( 56 pieces 20.3 ft long).

No QA checks were made Saturday, 30 March or Sunday, 31 March; due to weekend.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL.

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	QAR

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Contractor held weekly safety meeting. See attached sheet.

INSPECTOR'S SIGNATURE

*Daniel Beadle*

DATE

4-03-96

SUPERVISOR'S INITIALS

*gn*

DATE

4/5/96  
*W* 4/4/96



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 4/1/96

REPORT NO.: 393

SKIES: Clear

RAIN: 0

IN. TEMP.: 56 MIN 75 MAX

DUST: NONE

LEVEE CONDITION: Wet

CANAL GAUGE: (1.6) NOISE: Moderate

50% <sup>Lost</sup> Production

WORK PERFORMED/LOCATION

3-30-96 Rain Out at 8:30 AM (Rainfall = 1.35") 50% <sup>Lost</sup> Production.

3-31-96 Sunday - No Work Performed

4-1-96 Monday - B+K Construction - Demolished existing floodwall from West B sta. 90+00 to Sta. 91+50. Hauled off these concrete cap sections by truck today. Formed up stabilization slab from West B sta. 93+40 to 93+80 (NOT poured yet). Cut holes for rebar at West Mono's #71, #72, and #73. Continued work on I-Wall forms in the yard. Worked on fabrication of bolted connections for sheet pile tie-in at West B Sta. 85+90 ±. Cement finishers completed repair work on East Mono. #65 (Canal Side) and West Mono. #22 (Land Side). Surveyors set & stakes for pile drivers, and monitored monolith lengths and cut-off elevations.

Gillis Crane Service - Drove new C2-101 sheet piles from West B Sta. 95+29.90 to sta 96+30.90 (56 pieces at 20'-3" Long each piece).

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
11	Unskilled	105	B+K Const.	Demolishing existing floodwall;
13	Skilled	125	"	Forming up stab. slab; Cutting
1	Supt.	10	"	holes for rebar; Working on
1	Q.C. Rep.	10	"	I-Wall forms; Fabricating bolted
				sheet pile connections; Finishing
				I-Wall concrete surfaces; Survey
				and layout of work.
				(SEE ABOVE)
2	Skilled	14	Gillis Crane	Driving new C2-101 sheet
1	Unskilled	7	"	piles for I-Wall (SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.#2	—	yes	4	4	—
Koehring 535 Crane	—	yes	7	1	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE RECEIVED TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile driving work today near West B station 96400. Results are being furnished to the Orleans levee Board. No excessive vibrations were recorded today, per Delta Testing Technician on site today.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked holes cut for #6 rebar to pass through C2-101 sheet piles on the West Bank today. Holes were 10" to 12" apart, spaced so as to miss sheet pile interlocks. Hole sizes were 1" to 2" vertically and 2" to 4" horizontally. Holes were approximately 3" to 4" from center of holes to top of slab. Slots were cut out of C2-101 sheet piles at each monolith joint (as shown on contract drawings) that were 6" wide and 15" deep from top of sheet piles. Total number of holes for #6 vertical rebar was 32 to accommodate placement of 64 vertical bars.

JOB SAFETY

Held the weekly safety meeting today at 7:00 AM in the Pratt Drive & staging area. Minutes of the meeting are attached to this report.

Checked rigging used to lift concrete cap sections today. Nylon straps were in like new condition. Wire rope slings and sorting hooks were in good condition.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-2-96

Date

MINUTES OF SAFETY MEETING

DATE: 4-1-96

TIME: 7:00 Am

PROJECT: London Ave. Canal Floodwall  
DACW29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

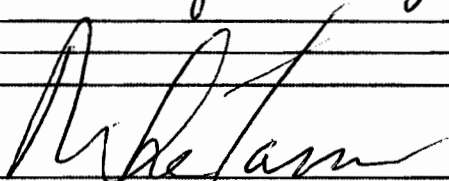
<del>John West</del>	Donald M. Brown	John West
<del>Mike West</del>	Michael Conner	David Stewart
<del>David Bell</del>	Barrel Jones	Steve Stone
Michael Dillon	James Phillips	Jerry Justice
Greg Vinson	Earl Zinke	
MADEY Smith	FRANK BERNARD	
Stephen Pizell	JAMES J. J.	
Evan Bank	Anthony R. Cook Sr.	
Michael Alford	Bryan J. Verdum	
Debra Brown	John Dixon	

TOPICS DISCUSSED:

Discussed scaffold safety and repair at today's meeting. Cement finishing crew foreman asked for new scaffold boards for three scaffolds. These will be ordered today to replace old scaffold boards. I asked the carpenter foreman to check handrails and posts on I-Wall forms being repaired in the yard, and repair or replace as needed. Scaffold boards should also be checked, as well as scaffold brackets and supports. Talked about ladders and where they must be used. Short ladders must be set up to allow safe access from the level down into the excavated work area. The carpenter foreman will set these up today.

COMMENTS:

Reminded workers to use extreme caution when working near roads and bridges. Orange vests and orange flags must be worn by any employees working in the road or within 5' of the edge.

  
CONTRACTOR'S SUPERINTENDENT

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER  
314

TO Area Engineer, COPY TO: C/Const. Div.  
CELMN-CD-NO CELMN-CD

DATE Friday  
29 March 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50 %	50 %	50 %	50 %	50 %

TEMPERATURE	
MINIMUM	MAXIMUM
60	75

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0.0	0800 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal	RIVER STAGE
FEET	TIME
1.5	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 19.5	17 - 150	14 - 122	33 - 291.5

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3			
FROM	TO	FROM	TO	FROM	TO
0700M	1800 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, Erosion Control
- b. Arcadia Re - Bar - Re-steel Installation
- c. Gill's Crane Service - Drive Sheetpile

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. remove concrete caps of existing west side floodwall.
- b. Tie resteel for monolith bases.
- c. Drove new C2-101 sheet piles.

Days of no work and reasons for same:

100% days lost - 7, 26 and 27 March 1996  
50% days lost - 1, 8, 25, and 28 March 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 73.40  
PERCENT TIME ELAPSED: 90.08

QC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " " " .  
Sheet Pile - " " " " .



RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES

Floodwall - Removed existing concrete cap on West floodwall between B/L Sta. 87+05 to 90+00 and hauled off of the jobsite. Performed structural excavation between East B/L Sta. 87+25 to 86+80. Cut existing Mp-112 sheet piles 1 ft below finished grade from East B/L 87+25 to 87+05. Cement finishers completed repairs on East Mono #66, West Mono's #21 and #22- canal side.

Re-steel - Arcadia Re-bar tied re-steel for base monolith for East #58 and West Mono #51 (collar)

Sheetpile- Gill's Crane Service drove CZ-101 sheet piles between West B/L Sta. 94+03.60 to 95+29.90 - 70 pieces - 20.3 ft long.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7	OAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

Contractor cleaning adjacent streets of mud caused by hauling operation.

4/15/96

INSPECTOR'S SIGNATURE

D. Beadle *David Beadle*

DATE

4/02/96

SUPERVISOR'S INITIALS

*Yus*

DATE

*10* 4/4/96



QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 3/29/96

REPORT NO.: 392

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 60 MIN 75 MAX

DUST: NONE

LEVEE CONDITION: WET CANAL GAUGE: (1.5) NOISE: Moderate

50% Lost Production

WORK PERFORMED/LOCATION

- ① B+K Construction - Continued repairing and working on I-Wall forms in the yard. Formed up stabilization slab from West B sta. 92+20 to sta. 93+40 (not poured yet - road too wet for concrete trucks). Cut holes for rebar at East Mono. #58. welded #6 bond bars on top of C2-101 sheet piles at West Mono. #65 through #75. Cut off existing MP-112 sheet piles one foot below F.G. from East B sta. 87+25 to sta. 87+05. performed structural excavation from East B sta. 87+15 to sta. 84+80. Installed bond cable for cathodic protection at East Mono. Joint #57-56. Demolished existing concrete floodwall from West B sta. 87+05 to sta. 90+00. Hauled these concrete cap sections off today by truck. Cement finishers completed concrete repairs on East Mono. #66 (Canal Side) and West Mono. #21 and #22 (Canal Side). Established offset lines for I-Wall construction, and control elevation marks for same purpose.
- ② Gill's Crane Service - Drove new C2-101 sheet piles from West B sta. 94+03.69 to sta. 95+29.90 (70 pieces at 20'-3" long each piece).
- ③ Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #58, tied steel at West Mono. #51 (collar), and pre-tied one top re-steel mat for future placement.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS) (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	115	B+K Const.	Repairing I-wall forms; forming
13	Skilled	120	"	up stab. slab; welding #6 bond
1	Supt.	10	"	bars on top of sheet piles; cutting
1	Q.C. Rep.	9.5	"	holes for rebar; demolishing existing
				concrete wall; structural excavation;
				finishing I-wall concrete; Survey-
				layout of work; cutting off existing
				MP-112 sheet piles (SEE ABOVE)
2	Skilled	14	Gill's Crane	Driving C2-101 sheet piles for
1	Unskilled	7	"	I-wall (SEE ABOVE)
2	Skilled	16	Arcadia Rebar	Tying Reinforcing steel for
				I-Wall (SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	4	4	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	2	6	—
Case 580 Backhoe #1	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	3	5	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	Yes	4	4	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	Yes	2	6	—
Welding Machine	—	Yes	5	3	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	4	4	—
Koehring 535 Crane	—	Yes	7	1	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

NONE TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

Delta Testing technician monitored vibrations caused by sheet pile driving work today near West B Sta. 95+00. Results are furnished to the Orleans Levee Board.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked demolition of existing floodwall work done on the West Bank today. Concrete cap was previously broken into 20' long sections. The existing MP-115 sheet piles were previously cut (95%) at elevation +6.75 to +7.25. The remaining sheet pile area was cut off, and the Koehring 405 crane was used to lift the concrete cap sections into the haul trucks. No debris from demolition was left on the levee. Feeder lines were de-energized for safety prior to doing any work today.

JOB SAFETY

Checked public streets for dirt, mud, etc. from contractor's operations today at 5:00 PM. Laborers had cleaned mud off of street at Filmore Avenue after haul trucks left the jobsite. No significant amount of dirt or debris was found on the streets.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justice  
Authorized Q C Representative

4-1-96  
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**

(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

313

TO Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Thursday  
28 March 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Mandeville, La. 70448

WEATHER  
P.Cloudy and Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
50 %	50 %	50 %	50 %	50 %

TEMPERATURE

MINIMUM	MAXIMUM
60	74

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES	ENDING
0.0	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1 - 8	1 - 8	

Canal RIVER STAGE

FEET	TIME
2.1	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2 - 18	20 - 156	15 - 138	37 - 312	0700 M	1800 M	M	M	M	M

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, Erosion Control
- b. Arcadia Re-bar - Resteel Installation
- c. Gill's Crane Service - Drive Sheetpile

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

- a. Remove concrete caps of existing west side floodwall.
- b. Tie resteel for monolith bases.
- c. Drove new CZ-101 sheet piles.

Days of no work and reasons for same:

100% days lost - 7, 26 & 27 March 1996  
50% days lost - 1, 8, 25 March 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

Progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 73.20  
PERCENT TIME ELAPSED: 89.94

QC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Floodwall - No instructions given.  
Re-steel - " " "  
Sheet Pile - " " "

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Floodwall - B&K removed concrete caps on west side of canal between B/L Sta. 85+85 to 87+05 and hauled off the jobsite. Contractor's survey party set elevations for stabilization slab. Cement finishers completed repair work on East Mono #67 and West Mono #20 - canal side.

Sheet Pile - Gill's Crane Service drove new CZ-101 sheet pile between West B/L Sta. 92+88.17 to Sta. 94.03.60 (64 pieces - 20'3" long).

Re-Steel - Arcadia Re-bar tied steel for bottom of monoliths between West Mono's #62 to 68.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

NONE

CONTROVERSIAL MATTERS IN DETAIL.

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/period).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken)

Checked for leaks on Mantis 3612 crane and found none.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

David Beadle

4/02/96

YW

W

4/5/96





QUALITY CONTROL REPORT  
 DACW29-94-C-0079  
 LONDON AVENUE OUTFALL CANAL  
 B & K CONSTRUCTION JOB NO. 9402

DATE: 3/28/96

REPORT NO.: 391

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 60 MIN 74 MAX

DUST: NONE

LEVEE CONDITION: Wet CANAL GAUGE: (2.1) NOISE: Moderate

50% Lost Production

WORK PERFORMED/LOCATION

B+K Construction - Demolished concrete floodwall cap from West B station 85+85 to sta. 87+05 and hauled these sections of concrete off the jobsite. Cut holes for rebar at West Monoliths #60 through #70 (Some were previously cut on 3-25-96). Welded #6 bond bars on top of CZ-101 sheet piles at West Mono's #53 through #64. Continued work on I-wall forms in the staging area. Surveyors established control elevation marks for slab, slab work and set of stakes for sheet pile drivers. Cement finishers completed repair work on East Mono. #67 and West Mono. #20 (Canal Side Only)

Gill's Crane Service - Drove new CZ-101 sheet piles from West B sta. 92+88, <sup>17</sup> to sta. 94+03. <sup>60</sup> (64 pieces at 20'3" long each piece)

Arcadia Rebar - Tied bttm. reinforcing steel at West Mono's #62 through #68 today. No other work performed.

CONTRACTOR/SUBCONTRACTORS AND  
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	130	B+K Const.	Repairing and modifying I-wall forms; Demolishing existing floodwall; hauling off debris from demolition; welding bond bars on CZ-101 sheet piles; Cutting holes for rebar; finishing concrete wall surfaces; Survey-layout (SEE ABOVE)
13	Skilled	120	"	
1	Supt.	10	"	
1	O.C. Rep.	8	"	
2	Skilled	16	Gill's Crane	Driving new CZ-101 sheet piles for I-wall (SEE ABOVE)
1	Unskilled	8	"	
5	Skilled	20	Arcadia Rebar	Tying re-steel for I-wall (SEE ABOVE)

**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	4	4	—
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	8	0	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	5	3	—
J.S.W. Excavator	—	No	0	8	—
Welding Machine	—	yes	6	2	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	4	4	—
Koehring 535 Crane	—	yes	8	0	—
EMV-300 Vib. Hammer	—	No	0	8	—

**MATERIALS RECEIVED**

None Received Today

**TESTS PERFORMED**

(As required by plans/specifications)

Delta Testing and Inspection monitored vibrations caused by sheet pile driving work on the West Bank near station 93+50. Results of these tests are furnished to the Orleans Levee Board. The Delta technician on site stated that no significant vibration levels were recorded today.

QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

Checked #6 bond bars welded on top of C2-101 sheet piles for cathodic protection today. Re-steel deformed bars were clean and free of oil, rust, or other debris. These bars were tack-welded to each piece of C2-101 sheet pile, but did not extend through the monolith joints. Welds were checked and found to be secure.

Also checked demolition of existing floodwall on the west bank today. Special care was taken to avoid damaging FL-400 feeder cable. Existing MP-115 sheet piles had been previously cut (approx. 95% of the area) at elev. +6.75. The Kobring 405 crane was rigged up to each 20' section, one at a time, then the remaining 5% area of sheet piles were cut off. The Kobring crane then loaded these 20' long sections of concrete cap (with  $\pm 1'$  of sheet pile protruding) into dump trailers for removal.

JOB SAFETY

Electric feeder cables were locked out and signed on by BTK Construction before work started today. Feeder cables were not re-energized until all work was completed.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except as noted.

Jerry Justus  
Authorized QC Representative

3-29-96  
Date

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)  
DAILY LOG OF CONSTRUCTION - CIVIL**  
(ER 415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

312

TO Area Engineer,  
CELMN-CD-NO

COPY TO: C/Const. Div.  
CELMN-CD

DATE Wednesday  
27 March 1996

PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,  
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

CONTRACT NUMBER  
DACW29-94-C-0079

CONTRACTOR (Or hired labor) B & K Construction Company, Inc.  
1905 Highway 59, Manassville, La. 70448

WEATHER  
Cloudy and rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %
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MINIMUM 50	MAXIMUM 62
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?  NO  YES (Explain)

24 HOUR PRECIPITATION

INCHES 0.25	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal ~~RIVER~~ STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 1 - 8	LABOR
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FEET 2.2	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS  1  2  3

SUPERVISORY 2 - 4	SKILLED 6 - 6	LABORERS 6 - 6	TOTAL 14 - 16	FROM 0700 M	TO 1800 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.  
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - Floodwall, Demolition, Erosion Control
- b. Arcadia Re-bar - Re-steel Installation
- c. Gill's Crane Service - Drive Sheetpile

WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above)

None

Days of no work and reasons for same:

100% days lost - 7 and 26 March 1996  
50% days lost - 1,8, and 25 March 1996

Information on progress of work, causes for delays and extent of delays, Plant, material, etc.

No progressive work was performed this day.

DATE SET FOR COMPLETION: 3 July 1996

PERCENT PROJECT COMPLETE: 73.00  
PERCENT TIME ELAPSED: 89.80

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

None

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS QCC ACTIVITIES

Rode through the jobsite and noted wet conditions of jobsite due to rain.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (include names, reactions and remarks)

None

CONTROVERSIAL MATTERS IN DETAIL.

None

INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS.

None

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Beadle	Const. Insp.	7	QAR

SAFETY (include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)

No safety violations were noted.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 3/28/96	SUPERVISOR'S INITIALS <i>Yus</i>	DATE <sup>4/5/96</sup> <i>W</i> 4/1/96
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**QUALITY CONTROL REPORT  
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	NO	0	8	NO
Komatsu D37P Dozer	—	↓	↓	↓	↓
Kubota 151 Excavator	—				
Case 580 Backhoe #1	—				
Case 580 Backhoe #2	—				
RAMEX Roller-Packer	—				
MKT Vibro Hammer V-5	—				
Fiat-Allis MotorGrader	—				
Mantis 3612 Crane	—				
Koehring 405 Crane	—				
J.S.W. Excavator	—				
Welding Machine	—				
Compressor + Sandblaster	—				
Komatsu 200 Exc. #2	—				
Koehring 535 Crane	—				
Emv-300 Vib. Hammer	—				

**MATERIALS RECEIVED**

NONE TODAY

**TESTS PERFORMED**

(As required by plans/specifications)

NONE TODAY



QUALITY CONTROL REPORT  
INSPECTIONS PERFORMED

NONE PERFORMED TODAY

JOB SAFETY

Checked jobsite for any sign of erosion that may have affected adjacent property. No sign of sediment was found on any property along the jobsite, East or West Bank.

REMARKS

I certify to the best of knowledge that this report is complete and correct; and that all work methods, materials and equipment are in compliance with plans and specifications except at noted.

Jerry Justice  
Authorized Q C Representative

3-28-96  
Date