

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.

2. xxxxxxxx

3. xxxxxxxx

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

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

A0006519
A0006522
~~A0006504~~
~~A0006499~~

ADD6499

**INSPECTOR'S QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - CIVIL**

(ER 415-1-302)

THE QAR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
300

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

DATE
Friday
8 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
Windy and Cold

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
28	46

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
1.8	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3 - 19	14 - 114	13 - 100	20 - 233

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. Arcadia Re-bar - Re-Steel Installation.
- 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 forms and placed concrete for 1-monolith.
- b. Tied re-bar for West Mono #38 and East #67.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 March 1996

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

Progressive work was performed this period. See attached reports.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 63.0
PERCENT TIME ELAPSED: 87.32

COC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Reinforced Concrete Floodwall - No instructions given.
Re-steel Placement - No instructions given.

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

Reinforced Concrete Floodwall - Observed contractor setting forms for West and East floodwall and placing 3000# concrete in East Mono #67. Forms were cleaned and patched before they were set up. Performed Pre-Placement Inspection on above mentioned mono prior to placement of concrete. Witnessed sampling and testing of concrete placed today (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5', placed in lifts of less than 18 inches, and was well vibrated. B&K cut holes in re-bar at East Mono #65 and West Mono's #42 and #43. Demolished existing concrete steps and 5 ft of sidewalk at West B/L Sta. 85+00. Cement finishers completed repairs on East Mono #76 and West Mono #11 (Canal side).

Arcadia Re-bar - Tied re-steel for East Mono #67 and West Mono #38.

No other work was performed due to wet conditions of west levee crown access road.

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		
	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 concrete form walkway and access ladder and found ladder tied off properly^{ly} and hand rails and toe boards securely nailed together.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 3/11/96	SUPERVISOR'S INITIALS <i>gwh</i>	DATE 3/15/96
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PRIMARY CONTRACTOR:

ITEM NO.	DESCRIPTION	UNIT PRICE	% COMPLETE or QUANTITY	AMOUNT
01	MOB & DEMOB	(L.S.) \$215,004.19	61.17%	131,518.06
02	CLEARING & GRUBBING	(L.S.) \$175,000.00	90.0%	157,500.00
03	SELECTIVE DEMOLITION	(L.S.) \$260,000.00	55.0	143,000.00
04	PEDESTRIAN BRIDGE DEMOLITION	(L.S.) \$15,000.00	100%	15,000.00
05	EMBANKMENT, SEMICOMPACTED FILL	(L.S.) \$11,200.00	—	—
06	STRUCTURAL EXCAVATION AND BACKFILL	(L.S.) \$59,000.00	45.2%	266,668.00
07	FERTILIZING, SEEDING, AND MULCHING	(AC) \$1,250.00	—	—
08	CUTTING OFF EXISTING AZ-18 SHEET PILES	(L.S.) \$53,600.00	88.0%	47,168.00
09	PULL, CLEAN, SALVAGE AND DELIVER AZ-18 SHEET PILES	(L.S.) \$20,500.00	100%	20,500.00
10	REDRIVE EXISTING AZ-18 SHEET PILES	(L.S.) \$5,000.00	—	—
11	PILING, STEEL SHEET, TYPE PZ-22	(SF) \$8.50	140,622.70 SF	1,195,632.9
12	PILING, STEEL SHEET, TYPE PSA-23	(SF) \$18.00	527.69 SF	9,498.70
13	PAINTING	(L.S.) \$7,000.00	—	—
14	REINFORCED CONCRETE FLOODWALLS (CIN 09)	(L.S.) 1,482,731.00 ^{1,482,731.00} (242)	66.0 67.0	993,429.77
15	CONCRETE SLOPE PAVEMENT	(SY) \$40.00	—	—
16	UTILITY MODIFICATIONS	(L.S.) \$117,000.00	—	—
17	TEMPORARY RELOCATION OF FEEDER LINES	(L.S.) \$38,500.00	70.7	27,219.50
18	PERMANENT RELOCATION OF FEEDER LINES	(L.S.) \$420,000.00	9.6	40,320.00
19A	EROSION CONTROL, FIRST 10,670 l.f.	(LF) \$2.00	9315 LF	18,630.00
19B	EROSION CONTROL, ALL OVER 10,670 l.f.	(LF) \$2.00	—	—
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	(L.S.) \$47,460.02	98.8	46,890.50
21	MISCELLANEOUS METALS	(L.S.) \$21,500.00	69.2	14,878.50
22	FENCING (CIN-02)	(L.S.) \$9,263.77	100%	9,263.77

$$2,893,067.7 \div \frac{4,605,839.00 \text{ [CIN 09]}}{4,606,267.77} = 62.8 \% \text{ COMPLETE}$$

DATE: 08 MAR 1996

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

DATE: 3/8/96

REPORT NO.: 376

SKIES: Clearing, Windy, +
Colder

RAIN: 0

IN. TEMP.: 28 MIN 46 MAX

DUST: NONE

LEEVE CONDITION: WET CANAL GAUGE: (1.8) NOISE: Moderate

Too Wet for Trucks
ON WEST LEEVE

WORK PERFORMED/LOCATION

B+K Construction - 50% lost Production Today due to wet soil on the West levee. Wrecked forms at West Mono's #34 and #39, then patched bolt holes and covered these Monoliths with wet burlap. Set forms at West Mono #36 (complete) and #41 (Canal Side only). B+K Construction personnel set top re-steel mats at both West #36 and #41. Placed concrete at East Mono #67 today (forms previously set up). Cut holes for rebar at East Mono #65, and at West Mono's #42 and #43. Demolished existing concrete steps and 5' of sidewalk at West B sta. 85+00. Placed fill material on the Canal side of the existing floodwall to bring the sub-grade up to elevation +3.1 for stabilization slab work. Used the Komatsu dozer to spread and compact this soil. Repaired I-wall forms on the West Bank, patching holes and defects with bondo or epoxy as needed. Cement finishers completed repair work on East Mono #76 and West Mono #11 (Canal Side only).
 ARCADIA REBAR - Tied bottom re-steel at East Mono #67 and West Mono #38. Pre-tied two more top re-steel mats.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	100	B+K Const.	Wrecking, cleaning, Repairing,
12	Skilled	100	"	oiling, and setting up I-Wall
1	Supt.	10	"	forms; Placing I-Wall concrete;
1	Q.C. Rep.	9	"	Finishing and curing I-Wall
				concrete; Cutting holes for rebar;
				Demolishing concrete steps; repairing
				I-Wall forms; setting Re-steel mats
				IN I-Wall Monoliths (SEE ABOVE)
2	Skilled	14	ARCADIA REBAR	→ 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	4	4	—
Kubota 151 Excavator	—	yes	2	6	—
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	6	2	—
Koehring 405 Crane	—	yes	5	3	—
J.S.W. Excavator	—	yes	1	7	—
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

Received 20 c.y. of concrete (Lafarge Concrete Company's Mix Design #44-C) for placement in East I-Wall Monolith #67. Molded 3 test cylinders from this material for compressive strength tests by the Government.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested concrete delivered by Lafarge Concrete Company today. Results of these tests can be found on the attached Concrete Field Data Summary Sheet. The three test cylinders molded today will be delivered to the Government Lab on Monday, by BTK Construction Company personnel.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the structural excavation area being filled with existing soil on the West Bank between \pm Sta. 85+90 and Sta. 94+00. The Komatsu 200 excavator placed soil from the Land Side of the levee over the concrete cap and into the structural excavation area. The Komatsu D-37 dozer was then used to spread, level, and compact the soil at elev. +3.10 for stabilization slab construction. Soil was free of roots, stumps, concrete and other debris, and was compacted thoroughly.

Also checked formwork and re-steel at East Mono. #67 prior to concrete placement today. Form alignment, plumbness, condition, and elevation were correct within 0.02'. Re-Steel clearances were between 2" and 3" at all points. Chamfer strips, water stops, expansion material, + FL-340 anchor bolts were all correctly installed as well.

JOB SAFETY

Cleaned mud off of Filmore Avenue today after concrete trucks and equipment left the jobsite. Laborers flagged traffic for trucks, equipment, and street cleaning work.

Ladder at I-Wall scaffold on the East Bank was 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 at noted.

Jerry Justice

Authorized Q C Representative

3-11-96

Date

F 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 East # 67

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-8-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	3-8-96	10:10	D. Beadle	3/8/96	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	Jmd	3-8	10:10	D. Beadle	3/8/96	10:15
CLEANLINESS	✓	"	"	—	✓	✓
WATERED	✓	"	"	—	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	3-8	10:15	D. Beadle	3/8/96	10:15
VERTICAL	✓	"	"	—	✓	✓
HORIZONTAL	✓	"	"	—	✓	✓
SPACING	✓	"	"	—	✓	✓
CLEARANCES	✓	"	"	—	✓	✓
STEEL SCHEDULE	✓	"	"	—	✓	✓
SHOP DRAWINGS	✓	"	"	—	✓	✓
TIE WIRES	✓	"	"	—	✓	✓
#6 BAR WELDED	✓	"	"	—	✓	✓
CLEANLINESS	✓	"	"	—	✓	✓
WATERED	✓	"	"	—	✓	✓
E. FORMWORK	Jmd	3-8	10:20	D. Beadle	3/8/96	10:15
CONDITION	✓	"	"	—	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	3-8	10:20	D. Beadle	3/8/96	10:20
CLEANLINESS	✓	"	"	/		
RELEASING AGENT	✓	"	"	/		
TIES AND BOLTS	✓	"	"	/		
LENGTH 28.42'	✓	"	"	/		
WIDTH 2.25'-1.00'	✓	"	"	/		
HEIGHT 11.90'	✓	"	"	/		
WATERSTOPS	✓	"	"	/		
CHAMFER STRIPS	✓	"	"	/		
F. WEATHER PROTECTION	Jmj	3-8	10:25	D. Beadle	3/8/96	10:20
G. SAFETY (LIST)	Jmj	3-8	10:25	D. Beadle	3/8/96	10:20
1. Ladder	✓	"	"	/		
2. Scaffolding	✓	"	"	/		
3. Eye Protection	✓	"	"	/		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-8	10:25	D. Beadle	3/8/96	10:20
Exp. Material	✓	"	"	/		
FL-340 Anchors	✓	"	"	/		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	10:50	2.5				
Bucket	1	1.25 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" + 4 1/2" ; AIR ENTR. = 4.9% + 5.3% ; CONCRETE TEMPS = 55° + 56° ;

AIR TEMPS = 45° ; 3 Test Cylinders (LA-152)

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
299

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

DATE Wednesday & Thursday
6 - 7 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 and Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100/0 %	BORROW EXCAVATION 100/0 %	EMBANKMENT 100/0 %	CONCRETE 100/0 %	STRUCTURE 100/0 %
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TEMPERATURE	
MINIMUM 42	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 0.60	ENDING 0730 3/08/96 M

NUMBER OF GOVERNMENT EMPLOYEES Wednesday 6 March 1996

SUPERVISORY 2 - 2	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 3 - 10	LABOR
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FEET 1.8	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	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 Installation
- c. Bayou Tree Service - Tree Trimming

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 forms and placed concrete for 3 Mono's, cut off existing MP-115 sheet pile.
- b. Tied re-bar for West Mono's #36 and #41 and East Mono's #68 and #67.
- c. Trimmed live oak tree near West B/L Sta. 84+00.

Days of no work and reasons for same:

100% days lost - 7 March 1996
50% days lost - 1 March 1996

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

Progressive work was performed this period. See attached reports.

DATE SET FOR COMPLETION: 25 June 1996 PERCENT PROJECT COMPLETE: 62.5
PERCENT TIME ELAPSED: 87.18

COC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Reinforced Concrete Floodwall - No instructions given.
Re- Steel Placement - No instructions given.

Reinforced Concrete Floodwall - Observed contractor setting forms and placing concrete for West Mono's #34 and #39 and East Mono #68, stabilization slab between West B/L Sta. 82+15 to 82+50 and East B/L Sta. 89+65 to 89+20. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed today (See attached Concrete Field Data Summary). NOTed that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. B&K cut holes for re-bar at East Monoliths #66 - #68. Cutting existing MP-115 sheet piles at elev. 6.75 from West B/L Sta. 84+20 to 84+54. Drove sheet pile corners and bolted connection to existing MP-115 sheet pile at West B/L Sta. 84+50. Performed structural excavation along West B/L Sta. 94+00 to 99+50. Cement finishers finished repairs on West #9 1/2 of #10 and East #77 (Canal side).

Arcadia Re-Bar - Tied re-bar for East Mono's #68 and #67; also West #36 and #41.

Bayou Tree Service - Project Supervisor, Dennis Duhon; Project Engineer, Chris Wagner and Mr. Menio, Orleans Levee Board; came to the jobsite and observed Bayou Tree Service trimming overhanging live oak tree along construction easement at West B/L Sta. 84+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. Duhon	Civil Engr.	1	Project Suprv.
C. Wagner	" "	1	" Engr.
D. Beadle	Const. Insp.	7	QAR

No QA checks were made Thursday, 7 March 1996 due to rain and wet conditions of the jobsite.

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

Bayou Tree Service personnel used proper safety belt and hook while trimming live oak tree today.

3/18

INSPECTOR'S SIGNATURE <i>David Beadle</i> David Beadle.	DATE 3/08/96	SUPERVISOR'S INITIALS <i>gwr</i>	DATE 3/13/96
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 3/6/96

REPORT NO.: 374

SKIES: Cloudy - Drizzle RAIN: Trace IN. TEMP.: 60 MIN 80 MAX

DUST: None LEVEE CONDITION: Dry CANAL GAUGE: (1.8) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B&K Construction - Wrecked forms at East Mono. #69 West Mono's #32 and #37. Patched holes and covered these walls with wet burlene. Set forms and top re-steel mats at East Mono. #68, West Mono. #34 and West Mono. #39. Placed concrete at East Mono's #68, West Mono's #34 and #39, East Bank Stab. Slab (89+65 to 89+20), and West Bank Stab. Slab (Sta. 82+15 to 82+50). Installed bond cables at East Mono. Joints #66-65 and #65-64. Welded #6 bond bars on top of sheet piles at East Mono's #68, #67, and #66; and at West Mono's #42 and #43. Cut holes for rebar at East Mono's #68, #67, and #66. Cut existing MP-115 sheet piles at elev. +6.75 from West B Sta. 84+20 to Sta. 84+54. Drove sheet pile corners and bolted connections for permanent connection to existing MP-115 sheet piles at West B Sta. 84+50 ±. Performed structural excavation from West B Sta. 94+00 to Sta. 99+50. Cement finishers completed repairs on West Mono's #9 and 1/2 of #10, and on East Mono. #77 (Canal Side Only).
- ② BAYOU TREE SERVICE - Trimmed live oak branches overhanging the construction easement near West B Sta. 84+00.
- ③ ARCADIA REBAR - Tied bttm, re-steel at West Mono's #36 + #41, and at East Mono's #68 and #67. 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
15	Unskilled	140	B&K Const.	wrecking + setting up I-Wall
15	Skilled	140	"	forms; placing concrete for I-Wall
1	Supt.	10	"	and Stab. Slab; Curing + finishing
1	Q.C. Rep.	9.5	"	I-Wall concrete; Driving PSA-23
				Sheet pile connections; Cathodic Protection;
				Structural Excavation; Misc. torch work.
				(SEE ABOVE)
2	Skilled	6	Bayou Tree	Trimming live oak branches
2	Unskilled	6	"	within the construction easement.
2	Skilled	14	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	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
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	—	yes	2	6	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	1	7	Needs Repair
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	yes	3	5	—
Koehring 535 Crane	—	yes	2	6	—
Emv-300 Vib. Hammer	—	No	0	8	—

MATERIALS RECEIVED

Received 60 cubic yards of concrete (Lafarge Concrete Company's Mix Design #44-C) and placed this material as follows: 19 c.y. in East Mow. #68; 17 c.y. each in West Mow. #34 and #39; 3 c.y. in West Bank Slab Slab; and 4 c.y. in East Bank Slab Slab.

TESTS PERFORMED

(As required by plans/specifications)

B&K Const. Co. personnel performed tests and inspections required on concrete delivered by Lafarge Conc. Co. today. See results on the attached Concrete Field Data Summary sheet. Three test cylinders were molded as always, to be delivered to the Government Lab by the Contractor.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected form alignment & plumbness on East & West monoliths today. Forms were adjusted to the correct alignment using turnbuckle braces. Plumb bobs were used for plumbing the wall forms within $\frac{1}{8}$ ". Alignment of forms top & bottom was within $\frac{1}{4}$ " or less. No deficiencies were found upon my pre-placement inspection today. Carpenters were reminded to check final plumbness, alignment, and form width at the time of completion.

Checked sheet pile connection to existing MP-115 sheets at West B Sta. 84+54 (approximate). Sheets and belted connections were 21'-9" long, driven plumb, with all interlocks fully engaged. Belts were $\frac{7}{8}$ " ASTM A325 Type 1 steel installed at 6" on centers except at each end of the sheet, where they were 3" on center for the final 24". Sheets were driven to final cut-off position at elev. +5.75. A sketch of this tie-in connection to existing MP-115 sheet pile is forthcoming, to determine pay quantity for item "PSA-23".

JOB SAFETY

Checked workers on the concrete placing crew for eye protection. New employees were issued a pair of safety glasses for their own safety. All workers on the placing crew had adequate eye protection.

Asked carpenters to go over the I-Wall scaffold & handrails and make all necessary repairs. Scaffolds are in fair 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

3-7-96

Date

FORM 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 East # 68

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	3-6-96	1:00	D. Beadle	3/6/96	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	Jmd	3-6	1:00	D. Beadle	3/6	1:05
CLEANLINESS	✓	"	"	—	—	—
WATERED	✓	"	"	—	—	—
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	3-6	1:05	D. Beadle	3/6	1:05
VERTICAL	✓	"	"	—	—	—
HORIZONTAL	✓	"	"	—	—	—
SPACING	✓	"	"	—	—	—
CLEARANCES	✓	"	"	—	—	—
STEEL SCHEDULE	✓	"	"	—	—	—
SHOP DRAWINGS	✓	"	"	—	—	—
TIE WIRES	✓	"	"	—	—	—
#6 BAR WELDED	✓	"	"	—	—	—
CLEANLINESS	✓	"	"	—	—	—
WATERED	✓	"	"	—	—	—
E. FORMWORK	Jmd	3-6	1:10	D. Beadle	3/6	1:05
CONDITION	✓	"	"	—	—	—

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmd	3-6-96	1:10	D. Beadle	3/6/96	1:15
CLEANLINESS	✓	"	"	—		
RELEASING AGENT	✓	"	"	—		
TIES AND BOLTS	✓	"	"	—		
LENGTH 28.40'	✓	"	"	—		
WIDTH 2.25'-100'	✓	"	"	—		
HEIGHT 11.90'	✓	"	"	—		
WATERSTOPS	✓	"	"	—		
CHAMFER STRIPS	✓	"	"	—		
F. WEATHER PROTECTION	Jmd	3-6	1:15	D. Beadle	"	"
G. SAFETY (LIST)	Jmd	3-6	1:15	"	"	"
1. Ladder	✓	"	"	—		
2. Scaffold	✓	"	"	—		
3. Eye Protection	✓	"	"	—		
H. OTHER CHECKS PER SPECIFIC JOB	Jmd	3-6	1:20	D. Beadle	"	"
Expansion Material	✓	"	"	—		
FL-340 Anchors	✓	"	"	—		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantia Crane	1	#3612	2:20	1.0				
Bucket	1	1.25 C.Y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4 1/2" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 81° ;
 AIR TEMPS = 80° ; 3 Test Cylinders (LA-151)

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

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 # 34

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 3-6-96

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

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	3-6-96	10:25	D. Beadle	3/6/96	10:30
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.86'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 11.40'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	3-6	10:30	"	"	"
G. SAFETY (LIST)	Jmj	3-6	10:30	"	"	"
1. Ladder	✓	"	"	✓		
2. Scaffold	✓	"	"	✓		
3. Rigging	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-6	10:35	"	"	"
Expansion Material	✓	"	"	✓		
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:30	1.25				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4 1/4" ; AIR ENTR. = 5.8% ; CONCRETE TEMPS = 81° ;
 AIR TEMPS = 80° ; 3 Test Cylinders (LA-151)

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

 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 # 39

LIFT NO.:

one

ELEVATION

from 3.00 to 14.40

DATE OF POUR

3-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-6-96	1:25	D. Beadle	3/6/96	1:30
VERTICAL	✓	11	11	✓	✓	✓
ALIGNMENT	✓	11	11	✓	✓	✓
CLEANLINESS	✓	11	11	✓	✓	✓
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	3-6	1:25	D. Beadle	3/6	1:30
CLEANLINESS	✓	11	11	✓	✓	✓
WATERED	✓	11	11	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-6	1:30	D. Beadle	3/6/96	1:30
VERTICAL	✓	11	11	✓	✓	✓
HORIZONTAL	✓	11	11	✓	✓	✓
SPACING	✓	11	11	✓	✓	✓
CLEARANCES	✓	11	11	✓	✓	✓
STEEL SCHEDULE	✓	11	11	✓	✓	✓
SHOP DRAWINGS	✓	11	11	✓	✓	✓
TIE WIRES	✓	11	11	✓	✓	✓
#6 BAR WELDED	✓	11	11	✓	✓	✓
CLEANLINESS	✓	11	11	✓	✓	✓
WATERED	✓	11	11	✓	✓	✓
E. FORMWORK	Jmj	3-6	1:30	D. Beadle	3/6	1:35
CONDITION	✓	11	11	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	<i>Jmj</i>	3-6-96	1:35	<i>D. Beadle</i>	3/6	1:35
CLEANLINESS	<i>Jmj</i>	"	"	/		
RELEASING AGENT	✓	"	"	/		
TIES AND BOLTS	✓	"	"	/		
LENGTH 28.87'	✓	"	"	/		
WIDTH 1.75-1.00'	✓	"	"	/		
HEIGHT 11.40'	✓	"	"	/		
WATERSTOPS	✓	"	"	/		
CHAMFER STRIPS	✓	"	"	/		
F. WEATHER PROTECTION	<i>Jmj</i>	3/6	1:40	<i>D. Beadle</i>	"	"
G. SAFETY (LIST)	<i>Jmj</i>	3-6	1:40	"	"	"
1. Scaffold	✓	"	"	✓	✓	✓
2. Rigging	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	3-6	1:40	"	"	"
FL-400 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
<i>Komatsu 200</i>	1	<i>Excavator</i>	<i>2:15</i>	<i>1.5</i>				
<i>Bucket</i>	1	<i>1.0 Cy</i>	"	"				
<i>Vibrator</i>	1	<i>18' Sheet</i>	"	"				
<i>Generator</i>	1	<i>Gasoline</i>	"	"				

J. REMARKS SLUMP = *4"* ; AIR ENTR. = *5.8%* ; CONCRETE TEMPS = *81°* ;
AIR TEMPS = *79°* ; 3 Test Cylinders (LA-151)
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: 3-6-96

Pour Location West I-Wall Monolith #34 + #39; EAST MONO. #68.

Supplier - LAFARGE CONCRETE COMPANY
 82+15 → 82+50 WEST STAB. SLAB. 89+65 → 89+20 EAST STAB. SLAB.

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.	
313193	11:28	11:58	3.0°	10 Gal.	4.25 ^x	81° 80°	5.8	3	11:35	9	WEST MONO
313212	12:10	12:45	4.0°	0	4.0°	80° 80°	-	-	12:15	8	#34
313247	2:15	3:00	2.5°	30 Gal.	3.5°	80° 80°	-	-	2:20	9	WEST MONO
313256	3:00	3:45	2.75°	10 Gal.	4.0°	81° 79°	-	-	3:10	8	#39
313237	2:18	2:55	2.5°	20 Gal.	4.50 ^x	81° 80°	5.0	-	2:25	10	EAST MONO
313253	2:58	3:26	2.0°	20 Gal.	4.25°	80° 80°	-	-	3:05	9	#68
313265	3:55	4:10	2.0°	8 Gal.	4.5°	81° 78°	-	-	4:05	3	WEST STAB. SLAB
313258	3:32	3:51	1.5°	15 Gal.	5.0°	80° 79°	-	-	3:40	4	EAST STAB. SLAB

Test Cylinder Set #LA-151

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

TECHNICIAN:
Steve Thome

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

DATE: 3/7/96

REPORT NO.: 375

SKIES: Cloudy - Rain RAIN: 0.50" IN. TEMP.: 34 MIN 56 MAX
 Windy + Colder!

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (2.6) NOISE: Minimal

* 100% Lost Production due to rain + wet soil, WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #68, then patched tie-bolt holes and covered this monolith with wet burlap. Set forms and top re-steel mat at East Mono. #67 NOT poured today - too wet for trucks. Welded #6 bond bars on top of new sheet piles at West Mono. #44 #45, and #46. Cut off existing MP-112 sheet piles one foot below F.G. from East Sta. 89+75 to Sta. 89+25. Cement finishers worked on repair of concrete surfaces at East Mono. #7a and West Mono. #10 (Canal Side)

Arcadia Rebar - Pre-tied two reinforcing steel mats on the levee crown to be placed in I-Wall monoliths at a later date.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
16	Unskilled	70	B+K Const.	Wrecking + setting up I-Wall
14	Skilled	65	"	forms; welding #6 bond bars;
1	Supt.	8	"	Cutting off existing sheets;
1	Q.C. Rep.	6	"	Finishing and curing I-Wall concrete.
				(SEE ABOVE)
2	Skilled	8	Arcadia Rebar	Tying re-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	2	6	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	1	7	—
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	Too wet
Mantis 3612 Crane	—	Yes	5	3	—
Koehring 405 Crane	—	Yes	2	6	—
J.S.W. Excavator	—	No	1	6	Yes
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc. #2	—	Yes	1	7	—
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 Reinforcing steel at East Mono. #67 today before the form was closed up. Bottom vertical #6 bars were spaced at 10" to 12" apart, except at each end of the monolith, where the first two spaces were 6". A total of 64 verticals were in place, top + bottom (32 each face). Nine upper horizontals each face, 28'-0" long each were in place (18 total - #4 bars). At the bottom section of the wall, 14 #5 horizontal bars were tied in place (7 bars each face). The eight #5 horizontal bars 5'-0" long were tied in between the 28'-0" horizontals as shown on the Lulich Steel Shop Drawings. U-Bars were also tied in place correctly. Clearance between forms and re-bars was 2" to 3" at all points. Deformed heavy Rust. Water was sprayed on the steel I-Wall forms, sheet piling, and concrete slab below as required to form a better bond to I-Wall concrete.

JOB SAFETY

Cleaned mud off of Filmore Avenue after all trucks and equipment were shut down for the day. Flagmen stopped traffic for laborers cleaning the street with shovels. No significant debris remained on the public streets after crews cleaned up 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

3-8-96

Date

MINUTES OF SAFETY MEETING

DATE: 3-7-96

TIME: 7:00 Am

PROJECT: London Avenue Canal Floodwall
DACWA9-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Richard Alatta
M. J. P. Duttles
Mike Corneal
John W. ...
Phillip Dillon
L. ...
Burt ...

Eric Bailey
FRANK BERNARD
Dale P. Turgur
DENNA WEAVER
James ...
Steve Stone
Bryan ...
D. ...


TOPICS DISCUSSED:

Glenn Vinton
Adrian ...
John Wood
Gregory ...
James ...
Richard ...
Kevin ...
Andre ...
Nathaniel ...
Don ...

Hayley M. Brown
LARRY ...
Bernard ...
H. ...

COMMENTS:

SEE MINUTES ATTACHED.


CONTRACTOR'S SUPERINTENDENT

Safety Meeting Minutes

3-7-96

Today we talked about the safety responsibilities of individual employees on this project. All employees must provide an approved hard hat, and wear it at all times on the job site. Steel toe boots are also required when ever you are subjected to crushing hazards. Eye Protection is required when placing concrete, chipping, grinding, sanding, using skill saws, etc. If you are standing near any workers performing the above mentioned actions, you must wear eye protection also. Welders and burners are required to wear goggles and hoods with appropriate lenses to protect from harmful rays. Leather gloves must be worn to protect hands from burns. Flagmen directing traffic must wear orange safety vests and use 18" orange flags. Anytime you work near (within 5') the roadway, you must wear an orange safety vest for your own protection.

Jerry Justice

**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
298

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

DATE Tuesday
5 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
100%	100%	100%	100%	100%

TEMPERATURE

MINIMUM	MAXIMUM
62	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	ENDING
0.0	M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE

FEET	TIME
1.6	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2 - 19	18 - 155	17 - 152	37 - 326

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. Arcadia Re-bar - Re-steel Installation
- c. Gill's Crane Service - Selective Demolition

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 forms and placed concrete in 3- Mono's, cut off MP-112 sheet piles.
- b. Tied re-bar for West Mono's #34 and 39 and East Mono #69.
- c. Pulled existing MP-115 sheet piles.

Days of no work and reasons for same:

100% days lost - 0
50% days lost - 1 March 1996

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

Progressive work was performed this date. See attached report.

PERCENT PROJECT COMPLETE: 62.0
PERCENT TIME ELAPSED: 86.9

DATE SET FOR COMPLETION: 25 June 1996

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Reinforced Concrete Floodwall - No instructions given.
Re-Steel Placement - No instructions given.
Selective Demolition - 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

Reinforced Concrete Floodwall - Observed contractor setting forms for East Mono #69, West #32 and West #37. Contractor placed 3000# concrete into forms for Mono's West #32, West #37, and East #69 and stabilization slab for East wall between Sta. 89+95 to 89+65. Forms were cleaned and patched before they were set up. Performed Pre-Placement inspection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed today (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5' placed in lifts of less than 18" and was well vibrated. B&K cut holes for re-bar at west monolith's #38 - #41. Also cut existing MP-112 sheet piles one foot below finished grade from East B/L Sta. 90+20 to 89+75. Structural excavation was completed from East B/L Sta. 89+50 to 89+15 and West B/L Sta. 85+85 to 94+00. Cement finishers completed repairs on West #8, 1/2 of #9 and East Mono #78 (all work done on canal side).

Gill's Crane Service - Pulled existing MP-115 sheet piles on East B/L Sta. 83+50 to 84+35.

Arcadia Re-Bar - Tied bottom re-bar steel for monoliths - West #34 and #39, also East #69.

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 Koehring 535 crane and found it in good condition.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 3/06/96	SUPERVISOR'S INITIALS <i>ew</i>	DATE 3/12/96
---	-----------------	------------------------------------	-----------------

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

DATE: 3/5/96

REPORT NO.: 373

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 62 MIN 77 MAX

DUST: Minimal

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

WORK PERFORMED/LOCATION

- ① B+K Construction - Wrecked forms at East Mono. #70, West Mono. #30, and West Mono. #35. Patched tie-bolt holes, and then covered these walls with wet burlene. Set forms and top re-steel mats at East Mono. #69, West Mono. #32, and West Mono. #37. Placed concrete at West Mono. #32 and #37, East Mono. #69, and East Bank Stabilization slab from sta. 89+95 to 89+65 today. Welded #6 bond bars on top of CZ-101 sheet piles at West Mono. #38, #39, #40, and #41; and on top of AZ-18 sheet piles at East Mono. #69 and #68. Installed bond cables at West Mono. Joints #42-43 and #49-50. Cut off existing MP-112 sheet piles one foot below fin. grade from East B Sta. 90+20 to sta. 89+75. Demolished existing concrete cap from West B Sta. 80+80 to 81+80, and from West B Sta. 88+50 to sta. 88+70 (to allow access to the Canal side). Structural excavation was completed from East B Sta. 89+50 to sta 89+15, and from West B Sta. 85+85 to sta. 94+00. Cut holes for rebar at West Mono. #38, #39, #40, and #41. Cement finishers completed repairs on West Mono. #8 and 1/2 of #9, and East Mono. #78 (all work was on the Canal side).
- ② GILL'S CRANE SERVICE - Pulled up existing MP-115 sheet piles from East B Sta. 83+50 and sta. 84+35. Stacked sheets and continued hauling these off for salvage.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
16	Unskilled	145	B+K Const.	Wrecking + setting up I-wall
14	Skilled	130	"	forms; Placing concrete for I-wall
1	Supt.	10	"	and stab. slab; structural excavation;
1	Q.C. Rep.	9	"	Cathodic Protection work; Demolition
				of existing concrete cap; Curing and
				finishing I-wall concrete; Miscellaneous
				torch work. (SEE ABOVE)
1	Skilled	7	Gill's Crane	Pulling existing sheet piles;
1	Unskilled	7	"	stacking and hauling off sheets
				(SEE ABOVE)
3	Skilled	18	Arcadia Rebar	Tying Re-steel for I-wall
				(SEE REVERSE SIDE)
				(FOR LOCATIONS)

→ OVER

Arcadia Rebar -

Tied bottom reinforcing steel for I-Wall at West Mono's #34 and #39, and at East Mono, #69. Pre-tied 3 more top mats of re-steel for future placement.

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

Received 55 cubic yards of concrete (Mix Design #44-C) from Lafarge Concrete Company and then placed this material as follows: 19 c.y. in East Mono. #69; 17 c.y. each in West Mono's #32 and #37; and 2 c.y. in East Bank Stabilization Slab.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction tested concrete received from Lafarge Concrete Company today. Results of these tests are attached on the Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the area of structural excavation on the West Bank today. All tree stumps, concrete, and other debris had been previously grubbed out of the excavation limits. The Komatsu D-37 dozer was used to cut grade at elev. +3.17, plus or minus 0.10'. This represents the bottom of the slab grade. Grade was controlled by grade stakes and grade marks on the existing sheet pile wall. The majority of the area between West B 85+85 and 99+00 is on grade or slightly below grade. Some fill may have to be added here (from the Land side of the levee) to meet the required subgrade. Any backfill will be compacted thoroughly using the same dozer.

Checked top of I-Wall elevations on the East and West Bank. Found top chamber strip grade to be at elevation 14.42 to 14.40. The 1/4" slope towards the Canal side was correct on all three form sets today.

JOB SAFETY

Replaced the hoist cable on the Koehring 535 Crane, due to some minimal wear and the fact that the cable was twisting up on the two part block. New cable was installed, but the line twist is still a problem.

Checked fuel cans on the job site. Only approved safety cans were being used to store or transport fuels.

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

3-6-96

Date

✓ I 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 East # 69

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-5-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-5-96	1:15	D. Beadle	3/5/96	1:30
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	3-5	1:15	D. Beadle	3/5	1:30
CLEANLINESS	✓	"	"	—	—	—
WATERED	✓	"	"	—	—	—
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-5	1:20	D. Beadle	3/5	1:30
VERTICAL	✓	"	"	—	—	—
HORIZONTAL	✓	"	"	—	—	—
SPACING	✓	"	"	—	—	—
CLEARANCES	✓	"	"	—	—	—
STEEL SCHEDULE	✓	"	"	—	—	—
SHOP DRAWINGS	✓	"	"	—	—	—
TIE WIRES	✓	"	"	—	—	—
#6 BAR WELDED	✓	"	"	—	—	—
CLEANLINESS	✓	"	"	—	—	—
WATERED	✓	"	"	—	—	—
E. FORMWORK	Jmj	3-5	1:20	D. Beadle	3/5	1:30
CONDITION	✓	"	"	—	E	—

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-5-96	1:25	D. Beadle	3/5	1:30		
CLEANLINESS	✓	"	"	—				
RELEASING AGENT	✓	"	"	—				
TIES AND BOLTS	✓	"	"	—				
LENGTH 28.40'	✓	"	"	—				
WIDTH 2.25'-1.00'	✓	"	"	—				
HEIGHT 11.90'	✓	"	"	—				
WATERSTOPS	✓	"	"	—				
CHAMFER STRIPS	✓	"	"	—				
F. WEATHER PROTECTION	Jmj	3-5	1:30	"	"	"		
G. SAFETY (LIST)	Jmj	3-5	1:30	"	"	"		
1. Ladder	✓	"	"	—				
2. Scaffold	✓	"	"	—				
3. Eye Protection	✓	"	"	—				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-5	1:35	"	"	"		
Exp. Material	✓	"	"	—				
FL-340 Anchors	✓	"	"	—				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	1:50	1:25				
BUCKET	1	1.25 c.y.	"	"				
VIBRATOR	1	18' shaft	"	"				
GENERATOR	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4 1/2" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 75° ; AIR TEMPS = 77° ; 3 Test Cylinders (LA-150)							
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 # 32

LIFT NO. one

ELEVATION
 from 3.00 to 14.40

DATE OF POUR
 3-5-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	3-5-96	11:10	D. Beadle	3/5/96	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	Jmd	3-5	11:10	D. Beadle	3/5/96	11:15
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	3-5	11:15	D. Beadle	3/5	11:20
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	3-5	11:20	D. Beadle	3-5	11:20
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-5-96	11:20	D. Beadle	3/5	11:25		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.85'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	3-5	11:25	"	"	"		
G. SAFETY (LIST)	Jmj	3-5	11:25	"	"	"		
1. Scaffold	✓	"	"	✓				
2. Ladder	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-5	11:30	"	"	"		
Expansion Material	✓	"	"	✓				
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.	"	"				
Generator	1	Gasoline	"	"				
Vibrator	1	18' Shaft	"	"				
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 75° ;							
	AIR TEMPS = 77° ; 3 Test Cylinders (LA-150)							
	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 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 37 LIFT NO. one ELEVATION from 3.00 to 14.40 DATE OF POUR 3-5-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	3-5-96	12:50	D. Bealle	3/5/96	1:00
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	3-5	12:50	D. Bealle	3/5/96	1:00
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-5	12:55	D. Bealle	3/5/96	1:00
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	3-5	1:00	D. Bealle	3/5/96	1:00
CONDITION	✓	"	"	✓	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	3-5-96	1:00	D. Beadle	3/5/96	1:05
CLEANLINESS	✓	"	"	-	}	}
RELEASING AGENT	✓	"	"	-		
TIES AND BOLTS	✓	"	"	-		
LENGTH 28.86'	✓	"	"	-		
WIDTH 1.75'-1.00'	✓	"	"	-		
HEIGHT 11.40'	✓	"	"	-		
WATERSTOPS	✓	"	"	-		
CHAMFER STRIPS	✓	"	"	-		
F. WEATHER PROTECTION	Jmj	3-5	1:05	D. Beadle	"	"
G. SAFETY (LIST)	Jmj	3-5	1:05	D. Beadle	"	"
1. Ladder	✓	"	"	-	}	}
2. Scaffold	✓	"	"	-		
3. R-99th. g Check	✓	"	"	-		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-5	1:05	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 cy	"	"				
VIBRATOR	1	18' shaft	"	"				
GENERATOR	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.6% ; CONCRETE TEMPS = 75° ;
 AIR TEMPS = 74° ; 3 Test Cylinders (LA-150)

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: 3.5.96

Pour Location West I-Wall Monoliths # 32 & # 37, EAST Monolith # 69; Stabilization Slab from East of 89+95 to 89+65.

Supplier - LAFARGE CONCRETE COMPANY

Type of Mix used # 44-C

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

TICKET NO	TIME ARRVD	TIME CMLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.	
312951	12:00	12:38	2.0°	15 Gal.	3.75 ^x	75° 77°	5.0	3	12:15	9	MONO WEST
312977	12:45	1:20	2.25°	15 Gal.	4.0°	76° 77°	-	-	12:50	8	#32
313023	1:49	2:23	3.5°	10 Gal.	4.5 ^x	75° 77°	5.6	-	1:55	9	MONO EAST
313040	2:35	3:00	4.5°	0-	4.5°	75° 77°	-	-	2:45	9	#69 STAB. SLAB.
313055	3:10	3:40	3.0°	5 Gal.	4.0°	75° 76°	-	-	3:20	3	
313027	2:00	2:35	3.5°	5 Gal.	4.0°	76° 77°	-	-	2:05	9	MONO WEST
313052	2:52	3:33	3.0°	5 Gal.	3.75°	75° 74°	-	-	3:05	8	#37

Test Cylinder Set #LA-150

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
297

TO: Area Engineer,
CELMN-CD-NO COPY TO: C/Const. Div.
CELMN-CD
PROJECT: Portchartrain, La. and Vicinity, London Ave. Canal,
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.

DATE Saturday - Monday
2 - 4 March 1996

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

CONTRACT NUMBER
DACW29-94-C-0079

WEATHER
Clear to P. Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100/100/100	BORROW EXCAVATION 100/100/100	EMBANKMENT 100/100/100	CONCRETE 100/100/100	STRUCTURE 100/100/100
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TEMPERATURE	
MINIMUM 48	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	TOTAL	LABOR
			1 - 8	1 - 8	

Canal RIVER STAGE	
FEET 1.3	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3 - 27.5	18 - 153	16 - 142	37 - 322.5

NUMBER OF SHIFTS

<input 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, Erosion Control
- b. Arcadia Re-bar - Re-Steel Installation
- c. Gill's Crane Service - Selective Demolition

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 forms and placed concrete in 3- Mono's, cut MP-115 sheet piles
- b. Tied re-bar for West #34 and #36.
- c. Pulled existing MP-115 sheet piles.

Days of no work and reasons for same:

100% days lost - None
50% days lost - 1 March 1996

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

Progressive work was performed this date. See attached report for details.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 61.5
PERCENT TIME ELAPSED: 86.76

QCR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Reinforced Concrete Floodwall - No instructions given.
Re-Steel Placement - No instructions given.
Selective Demolition - 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

Reinforced Concrete Floodwall - Observed contractor setting forms for East Mono #70 and West Mono #35. Contractor placed 3000# concrete into forms for East Mono, #70, West #30 and #35. Forms were cleaned and patched before they were set up. Performed Pre - Placement inspection on above mentioned mono's prior to placement of concrete. Witnessed sampling and testing of concrete placed today (See attached Concrete Field Data Summary). Noted that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. B&K cut holes for re-bar at East Mono #69. Also cut existing MP-115 sheet pile at elev. 6+75 on West B/L Sta. 83+00 to 84+20. Cement finishers completed canal side repairs of East Mono #79 and West Mono's #7 & #8. Gills Crane Service - Pulled existing MP-115 sheet piles on East B/L Sta. 81+75 to 83+50 and cut existing AZ-18 sheet piles to elevation 5.25 from East B/L Sta. 89+45 to 88+20. Arcadia Re-Bar - Tied re-bar for West Mono's #34 and #36.

No QA checks were performed Saturday, 2 March or Sunday, 3 March 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		
	DESIGNATION	HRS. ON SITE	DUTIES
D. Beadle	Const. Insp.	7 (3/04/96)	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 Case 580 tractor and found it working properly.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>		DATE 3/05/96	SUPERVISOR'S INITIALS <i>W</i>		DATE 3/11/96
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 3/04/96

REPORT NO.: 372

SKIES: Clear

RAIN: 0

IN. TEMP.: 48 MIN 76 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (1.3) NOISE: Moderate

3-2-96 Saturday - NO WORK.
 3-3-96 Sunday - NO WORK.

WORK PERFORMED/LOCATION

- ① 3-4-96 Monday - B&K Construction - Completed forming East Mono. #70 and West Mono. #35, Placed concrete at East Mono. #70, West Mono. #30, and West Mono. #35 today. Formed and poured concrete at stabilization slab from East B Sta. 90+55 to 89+95, and from West B Sta. 80+80 to 82+15. Installed bond cables for cathodic protection at West Mono. Jts. #38-39, #39-40, #40-41, #41-42, #43-44, #44-45, #45-46, #46-47, #47-48, and #48-49. Cut holes for rebar at East Mono. 69. Cut MP-115 sheet piles at elev +6.75 from West B Sta. 83+00 to 84+20. Broke existing concrete cap into 20' long sections from West B Sta. 86+60 to 88+20 (not removed yet). Unloaded all remaining Reinforcing steel for the West Bank I-Wall (between Mirabeau + Filmore) and the 1st six monoliths of re-steel for the next reach. Cement finishers completed Canal Side repairs on East Mono #79 and West Mono's #7 + 8.
- ② Gill's Crane Service - Pulled up existing MP-115 sheet piles for salvage between East B Sta. 81+75 and sta. 83+50. Cut off existing AZ-18 sheet piles at elev. +5.25 from East B Sta. 89+45 to sta. 88+20 for I-wall construction. Hauled off some of these pulled sheets and all of the cut-offs.
- ③ Arcadia Rebar - Tied bottom reinforcing steel at West Mono's #34 and #36, and pre-tied 4 top mats for future use.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS APPROX)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	135	B+K Const.	Forming + pouring concrete in
14	Skilled	125	"	I-Wall and Stab. Slab; Curing
2	Supt.	18	"	+ finishing I-Wall Concrete;
1	Q.C. Rep.	9.5	"	Cathodic protection bond cables;
				Cutting off MP-115 sheet piles;
				Breaking concrete cap; Unloading
				Reinforcing steel. (SEE ABOVE)
1	Skilled	7	Gill's Crane	Pulling up + cutting off
1	Unskilled	7	"	existing sheet piles.
				(SEE ABOVE)
3	Skilled	21	Arcadia Rebar	Tying Re-steel for I-Wall.
				(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	7	1	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator + Hydraulic Breaker	—	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	—	yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	5	3	—
Koehring 405 Crane	—	yes	4	4	yes
J.S.W. Excavator	—	yes	1	7	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 4 Excavator 200	—	yes	5	3	—
Emu-300 Vib. Hammer	—	No	0	8	—
Komatsu 200-#2	—	yes	2	6	—

MATERIALS RECEIVED

Received all remaining re-steel from Lulich Steel Company to complete the West Bank reach of I-Wall between Mirabeau and Filmore Avenues, and the first 6 monoliths of re-steel for the West Bank reach between Filmore and Prentiss Avenues.

Received 69 c.y. of mix #44-C concrete from Lafarge today and placed as follows: 19 c.y. in East Mon. #70; 17 c.y. each in West Mon. #30 and #35; 7 c.y. in East Stab. Slab; and 9 c.y. in West Stab. Slab.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction personnel tested concrete from Lafarge Conc. Co. today. Results of these tests are documented on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded from today's material, to be delivered by B+K Const. Co. for compressive strength tests.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the I-Wall forms and embedded items on East Mono. #70, West Mono. #30, and West Mono. #35. Re-steel clearance at the top of East Mono #70 had to be adjusted. 2 1/2" Bar Supports (Plastic-Tipped) were added as needed to chair the top horizontal bar and entire steel mat away from the form. Minor plumbness adjustment had to be done on West Mono. #35 before concrete placement could begin. No other problems were observed on form check-lists completed today.

Checked the Reinforcing steel delivered by Lutich Steel Company today. Test reports and mill certificates were furnished by Lutich Steel with today's delivery. No dirt, oil, debris, or rust was found on reinforcing steel. Bar sizes, lengths, and bar bends were in compliance with approved Shop drawings.

JOB SAFETY

Shielded feeder line FL-400 with a steel sheet pile pair set over the cable, to protect from damage while concrete cap was being demolished. All feeder lines were de-energized and locked out while our construction work was in progress today. All work was coordinated with the Orleans Sewerage + Water Board's Central Control.

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.

Jetty M. Justice

Authorized Q C Representative

3-5-96

Date

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 # 30 **LIFT NO.** one **ELEVATION** from 3.00 to 14.40 **DATE OF POUR** 3-4-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.			
	NAME	DATE	TIME	NAME	DATE	TIME	
A. SHEET PILING	Jmj	3-4-96	10:45	D. Beadle	3/4/96	10:40	
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	Jmj	3-4	10:45	D. Beadle	3/4/96	10:40	
CLEANLINESS		"	"		/	"	"
WATERED		✓	"		/	"	"
WATERJET (JOINT)		N/A	N/A		N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	3-4	10:50	D. Beadle	3/4/96	10:40	
VERTICAL		"	"		/	"	"
HORIZONTAL		✓	"		/	"	"
SPACING		✓	"		/	"	"
CLEARANCES		✓	"		/	"	"
STEEL SCHEDULE		✓	"		/	"	"
SHOP DRAWINGS		✓	"		/	"	"
TIE WIRES		✓	"		/	"	"
#6 BAR WELDED		✓	"		/	"	"
CLEANLINESS		✓	"		/	"	"
WATERED	✓	"	/	"	"		
E. FORMWORK	Jmj	3-4	10:55	D. Beadle	3/4/96	10:40	
CONDITION		"	"		✓	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	3-4-96	10:55	D. Beadle	3/4/96	10:40
CLEANLINESS		"	"	/		
RELEASING AGENT	✓	"	"	/		
TIES AND BOLTS	✓	"	"	/		
LENGTH 28.90'	✓	"	"	/		
WIDTH 1.75'-1.00'	✓	"	"	/		
HEIGHT 11.40'	✓	"	"	/		
WATERSTOPS	✓	"	"	/		
CHAMFER STRIPS	✓	"	"	/		
F. WEATHER PROTECTION	Jmj	3-4	11:00	D. Beadle	3/4/96	10:40
G. SAFETY (LIST)	Jmj	3-4	11:00	"	"	"
1. Ladders	✓	"	"	/		
2. Scaffold	✓	"	"	/		
3. Rigging check	✓	"	"	/		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-4	11:00	"		
Exp. Material	✓	"	"			
FL-400 Anchors	✓	"	"			

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	11:20	1.50				
Bucket	1	1.0 cu. yd.	"	()				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4 1/4" ; AIR ENTR. = 5.7% ; CONCRETE TEMPS = 71° ;
AIR TEMPS = 75° ; 3 Test Cylinders (LA-149)

FINAL CLEARANCE

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

INSTRUCTIONS

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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 # 35

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 3-4-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	3-4-96	11:05	<i>D. Beadle</i>	3-4-96	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	<i>Jmj</i>	3-4	11:05	<i>D. Beadle</i>	3-4-96	11:00
CLEANLINESS	✓	"	"	✓	"	"
WATERED	✓	"	"	✓	"	"
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	3-4	11:10	<i>D. Beadle</i>	3/4/96	11:00
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	<i>Jmj</i>	3-4	11:15	<i>D. Beadle</i>	3/4/96	11:00
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	3-4-96	11:15	D. Beadle	3/4/96	11:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.86'	✓	"	"	✓				
WIDTH 1.75'-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	3-4	11:20	D. Beadle			"	"
G. SAFETY (LIST)	Jmj	3-4	11:20	D. Beadle			"	"
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Eye Protection	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	3-4	11:20	D. Beadle	"	"		
FL-400 Anchor 5	✓							

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:10	1.75				
Bucket	1	1.0 c/y	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4 1/4" ; AIR ENTR. = 5.7% ; CONCRETE TEMPS = 71° ;

AIR TEMPS = 75° ; 3 Test Cylinders (LA-149)

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

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 East # 70

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 3-4-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	3-4-96	9:20	<i>D. Beadle</i>	3-4-96	9:15
VERTICAL	<i>✓</i>	"	"	<i>✓</i>	"	"
ALIGNMENT	<i>✓</i>	"	"	<i>✓</i>	"	"
CLEANLINESS	<i>✓</i>	"	"	<i>✓</i>	"	"
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>	3-4	9:20	<i>D. Beadle</i>	3-4-96	9:15
CLEANLINESS	<i>✓</i>	"	"	<i>✓</i>	"	"
WATERED	<i>✓</i>	"	"	<i>✓</i>	"	"
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	3-4	9:25	<i>D. Beadle</i>	3-4-96	9:15
VERTICAL	<i>✓</i>	"	"	<i>✓</i>	"	"
HORIZONTAL	<i>✓</i>	"	"	<i>✓</i>	"	"
SPACING	<i>✓</i>	"	"	<i>✓</i>	"	"
CLEARANCES	<i>✓</i>	"	"	<i>✓</i>	"	"
STEEL SCHEDULE	<i>✓</i>	"	"	<i>✓</i>	"	"
SHOP DRAWINGS	<i>✓</i>	"	"	<i>✓</i>	"	"
TIE WIRES	<i>✓</i>	"	"	<i>✓</i>	"	"
#6 BAR WELDED	<i>✓</i>	"	"	<i>✓</i>	"	"
CLEANLINESS	<i>✓</i>	"	"	<i>✓</i>	"	"
WATERED	<i>✓</i>	"	"	<i>✓</i>	"	"
E. FORMWORK	<i>Jmj</i>	3-4	9:30	<i>D. Beadle</i>	3-4-96	9:15
CONDITION	<i>✓</i>	"	"	<i>✓</i>	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	3-4-96	9:30	D. Beadle	3-4-96	9:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.44'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	<i>Jmj</i>	3-4	9:35	D. Beadle	3-4-96	9:15		
G. SAFETY (LIST)	<i>Jmj</i>	3-4	9:35	D. Beadle	3-4-96	"		
1. Ladder	✓	"	"	✓	}	}		
2. Scaffold	✓	"	"	✓				
3. Rigging Check	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	3-4	9:35	D. Beadle	3-4-96	9:15		
Exp. Material	✓	"	"	✓	"	"		
FL-340 Anchors	✓	"	"	✓	"	"		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	11:15	1.25				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 72° ; AIR TEMPS = 75° ; 3 Test Cylinders (LA-149)							
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.
 LONDO AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 3-4-96

Pour Location West I-Wall Monoliths #30 and #35, East Mon. #70;
Stabilization Slab from East B 90+55 → 89+95, and from West B 80+80 → 82+15.

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.	
312536	11:15	11:45	2.5°	15gal	4.0°	72° 75°	-	-	11:20	10	East Mon. #70
312565	11:56	12:30	2.0°	20gal	4.0 ^x	70° 75°	5.2	-	12:10	9	East Mon. #70
312672	1:25	2:17	4.0°	5gal	4.5°	71° 75°	-	-	1:30	7	East stab. slab
312588	11:19	11:48	3.25°	5gal	3.75°	71° 75°	-	-	11:25	9	West Mon. #30
312613	11:56	12:43	3.0°	10gal	4.25 ^x	70° 75°	5.7	3	12:05	8	West Mon. #30
312663	1:10	1:50	3.25°	5gal	3.75°	71° 75°	-	-	1:15	9	West Mon. #35
312686	2:10	2:55	2.25°	15gal	4.0°	71° 75°	-	-	2:15	8	West Mon. #35
312762	4:31	5:24	3.5°	10gal	4.5°	70 72	-	-	4:40	9	West stab. slab

Test Cylinder Set #LA-149

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
296

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

DATE 1 March 1996
Friday

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/Colder

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

MINIMUM 40	MAXIMUM 52
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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 Trace	ENDING 0730 M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1 - 1	OFFICE	LAYOUT	INSPECTION 1 - 8	TOTAL 2 - 9	LABOR
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Canal RIVER STAGE

FEET 1.8	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3 - 27	SKILLED 18 - 143	LABORERS 16 - 130	TOTAL 37 - 300
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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, Erosion Control
- b. Arcadia Re-bar - Re-Steel Installation
- c. Gill's Crane - Selective Demolition

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. Cleaned and set up forms for 3 mono's, cut MP-112 sheet piles
- b. Tied re-bar for East #70, and West #32 and #37.
- c. Moved barge to pull MP-115 sheet piles.

Days of no work and reasons for same:

100% days lost - None
50% days lost - None

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

Progressive work was scheduled and performed by B&K and Arcadia this date. See attached report for details.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 61.5
PERCENT TIME ELAPSED: 86.62

QC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Reinforced Concrete Floodwall - No instructions were given.
Re - steel Placement - 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

Reinforced Concrete Floodwall - Observed contractor wrecking forms at East Mono #71, West #26 and West #26. Patched holes after forms were removed and covered with wet burline to begin curing process. Cleaned and oiled forms for Monolith's West #30, West #35 and East #70. B&K cut holes for rebar for West Mono's #36 and #37 and cut off MP-112 sheet piles one foot below finished grade from East B/L Sta. 90+35 to 90+20. Cement finishers completed Monoliths East #80, and West #6. Structural Excavation was performed between East B/L Sta. 90+35 to 89+50. No concrete was placed due to wet conditions of levee crown.

Arcadia Re-Bar - Tied re-steel for East Mono #70, West #32 and West #37.

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
C. Wagner	Civil Engr.	1	Proj. Engr.
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 ladder to top of I-wall form and found it tied off properly to prevent it from sliding down.

INSPECTOR'S SIGNATURE

David Beadle *David Beadle*

DATE

3/04/96

SUPERVISOR'S INITIALS

yes

DATE

^{3/18}
3/11/96

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results:

Observed subcontractor setting
& tying rebar on both east & west
sides for next week's concrete placement.
Continuing structural excavation on east side
near Filmore Ave & observed curing
of T-walls with placement of wet
burlap blankets.

Instructions to COC/Remarks:

None today

Chris Wagner
Name

Proj Engr
Title

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

DATE: 3/01/96

REPORT NO.: 371

SKIES: Cloudy - Colder

RAIN: Trace IN. TEMP.: 40 MIN 52 MAX

DUST: NONE LEVEE CONDITION: Wet CANAL GAUGE: (1.8) NOISE: moderate

* Soil Saturated - 100% Lost Production WORK PERFORMED/LOCATION

- ① B+K Construction - Wrecked forms at East Mono. #71, West Mono. #26, and West Mono. #28. Patched tie-bolt holes and then covered these walls with wet burlene for wet curing. Cleaned, oiled, and set forms at West Mouth #30 (both sides), West Mono. #35 (Canal side only), and East Mono. #70 (Canal side only). Too wet to place concrete today - trucks could not drive on the levee crown. B+K Const. Co. set top re-steel mats at West Mono. #35 and East Mono. #70. Structural excavation was completed from East B sta. 90+35 to sta. 89+50. Installed bond cables at West Mono. Joints #36-37 + #37-38; also at East Mono. Joints #70-69, #69-68, #68-67, and #67-66. Cut holes for rebar at west mono's #36 and #37. Cut off MP-112 sheet piles one foot below fin. grade from East B Sta. 90+35 to Sta. 90+20. Welded #6 bond bars on top of CZ-101 sheet piles at West Mono's #34, #35, #36, and #37. Cement finishers completed repairs on East Mono. #80 (Canal side), and West Mono. #6 and 1/2 of #7 (Canal side).
- ② Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #70, West Mono. #32, and West Mono. #37. Set top steel at West Mono. #30.
- ③ Gill's Crane Service - Moved barge and set up hammer to resume pulling mp-115 sheet piles near Filmore (East Bank).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	120	B+K Const.	Wrecking & Setting up forms
14	Skilled	120	"	for I-Wall; Structural excavation;
2	Supt.	18	"	Cathodic Protection; Cutting off
1	Q.C. Rep.	9	"	existing sheet piles; Cutting holes
				for rebar; Finishing and curing
				I-Wall concrete. (See Above)
3	Skilled	21	Arcadia Rebar	Tying steel reinforcement for
				I-Wall monoliths. (See Above)
1	Skilled	2	Gill's Crane	Moving pile driving barge;
2	Unskilled	10	"	Working on equipment;

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
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	5	2	—
J.S.W. Excavator	—	yes	1	2	—
Welding Machine	—	yes	3	5	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	yes	3	5	—
EMV-300 Vib. Hammer	—	No	0	8	—
Komatsu 200 #2	—	yes	3	5	—

MATERIALS RECEIVED

None Today

* Too Wet for Concrete Delivery Trucks.

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected reinforcing steel tied in place today by Arcadia Rebar. 64 pieces of #6 vertical bars were tied in place, with the tails passed through the holes cut in C2-101 sheet piling. Spacing was 12" on center maximum, with no bars penetrating the interlocks of sheet piles. Upper vertical bars were #5's, 9'-4" long; 64 of these were in place, also on each monolith, at 12" maximum centers. Bottom horizontal bars were #5 rebar at 9" on center, with 5 bars each face. Also, #5 bars at 5'-0" long were placed (4 each face) in between the 28'-6" long horizontals at each end of the monoliths as per Lulich Steel's Shop drawing. #4 horizontal bars in the stem or top section were also 28'-6" long, and installed at 12" on center. U-Bars were tied in place as follows: #5 U-bars thru sheet pile handling holes; #4 U-bars on top of wall at 24" centers; #4 U-bars on each end of the monolith at 12" centers; and #4 U-bars in the bottom section of the wall at each end on 9" centers.

No deficiencies were found upon inspection of Reinforcement steel today.

JOB SAFETY

Checked workers for hard hats on the jobsite. All employers and subcontractors were wearing approved hard-hats while in the work area.

Also checked scaffolds, used by cement finishers. Brackets and walkboards were in good condition.

REMARKS

No work scheduled until Monday
3-4-96.

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

3-4-96
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
295

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

DATE Thursday
29 February 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
50 %	50 %	50 %	50 %	50 %

TEMPERATURE	
MINIMUM	MAXIMUM
42	55

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
0.40	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE	
FEET	TIME
1.6	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3 - 22	18 - 152	16 - 132	37 - 306	0700 M	1800 M				

NUMBER OF SHIFTS

1 2 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, Erosion Control
- b. Arcadia Re-bar - Re-steel Installation
- c. Gill's Crane - Selective Demolition

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 forms and placed concrete for 3 mono's, cut MP-115 sheet piles.
- b. Tied re-bar for mono's 30, 71, 26 and #28.
- c. Stacked previously pulled sheet pile.

Days of no work and reasons for same:

100% days lost - 02, 03, 05 and 20 Feb 96.
50% days lost - 19 and 21 1996.

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

Progressive work was scheduled and performed by B&K and Arcadia this date. See attached report for details.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 62.9
PERCENT TIME ELAPSED: 86.48

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Reinforced Concrete Floodwall - No instructions given.
- Re-steel placement - No instructions given.
- Existing Sheet pile - " " " "

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

Concrete Floodwall - Observed contractor wrecking forms at East Mono #72, and West Mono's #24 and #33. Finishers patched tie-bolt holes and covered with wet burline blankets to begin curing. Pre-formed Pre-Placement INSpection on West Mono's 26 and 28 and East #71 prior to placement of concrete. Witnessed sampling and testing of concrete being used this date (See attached Concrete Field Data Summary). Forms were cleaned and patched before they were set up. NOTed that concrete was not dropped more than 5', placed in lifts of less than 18" and was well vibrated. B&K cut holes for rebar for West Mono's #30 and #32 and East Monolith's 71 and 70. Also cut existing MP 115 sheet piles at elevation 6.75 between West B/L Sta. 82+40 to 83+00. Cement finishers completed finishing F/S of EAst Mono #81 and West Mono's #4 and #5.

Arcadia Rebar - Tied resteel for WEst Mono #30 and East #71, also West Mono's 26 and 28.

Gill's Crane Service - Moved barge in canal and stacked previously pulled MP-115 sheet piles at East B/L Sta. 83+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 employees cutting sheet pile and found them using leather gloves, welding hood and burning goggles.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 3/01/96	SUPERVISOR'S INITIALS <i>gjm</i>	DATE <i>3/1/96</i>
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QAR # 295

DATE: Thurs. 29 February 1996

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2	0	61.2	61.2
02	CLEARING & GRUBBING	L.S.	L.S.	83.2	0	83.2	83.2
03	SELECTIVE DEMOLITION	L.S.	L.S.	53	0	53	53
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	100	0	100	100
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	0	0	0	0
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	44	0	44	44
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	0	0	0	0
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	84	0	84	84
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100	0	100	100
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	0	0	0	0
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	140,662.7	0	140,622.7	74.9
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	527.69	0	527.69	52.9
13	PAINTING	L.S.	L.S.	0	0	0	0
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	64.0	0.5	64.5	64.5
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	0	0	0	0
16	UTILITY MODIFICATIONS	L.S.	L.S.	0	0	0	0
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	71.2	0	71.2	71.2
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	9.6	0	9.6	9.6
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 lf	0	9315 lf	87.6
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 lf	0	0	0	0
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	98.8	0	98.8	98.8
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2	0	69.2	69.2
22	Fencing (CIN 02)	L.S.	L.S.	100	0	100	100
23	VECP Wall Realignment (CIN 06)	L.S.	L.S.	37	0	37	37
24	VECP Payment/Wall Realignment	L.S.	L.S.	37	0	37	37

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

DATE: 2/29/96

REPORT NO.: 370

SKIES: Cloudy-Rain

RAIN: 0.40

IN. TEMP.: 42 MIN 55 MAX

DUST: None

Dry-Arn
 LEVEE CONDITION: Wet P.M.

CANAL GAUGE: (1.6) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono #72, West Mono's #24 and #33, Patched tie-bolt holes and covered these walls with wet burlene blankets. Set forms and placed concrete at East Mono #71, West Mono's #26 and #28 today. Formed and poured concrete stabilization slab from West B Sta. 80+25 to sta. 80+80. #6 rebar was welded on top of A2-18 sheet piles at East Mono's #71 and #70; and holes were cut for rebar at East Mono's #71 and #70, and at West Mono's #30, #32, and #35. Cut off existing MP-112 sheet piles one foot below fin grade from East B Sta. 90+55 to sta. 90+35. Cut existing MP-115 sheet piles at elev. +6.75 from West B Sta. 82+40 to 83+00. Performed structural excavation from East B Sta. 90+70 to sta. 90+35. Cement finishers completed repairs on East Mono #81, and on West Mono's #4 and #5 (all work was Flood Side).

Arcadia Rebar - Tied bottom Reinforcing steel at West Mono #30 and East Mono #71. Set top Reinforcing steel mats at East Mono #71, West Mono's #26 and #28. Pre-tied two additional top mats of re-steel for future use.

Gill's Crane - moved barge and stacked pulled MP-115 sheet piles at approx. East B Sta. 83+00.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (# Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	120	B+K Const.	Wrecking & setting up I-Wall
14	Skilled	125	"	forms; Placing I-Wall and stab.
2	Supt.	18	"	Slab concrete; Curing & finishing
1	Q.C. Rep.	4	"	I-Wall concrete; Welding bond bars; Cutting off existing sheet piles; Structural excavation.
				(SEE ABOVE)
3	Skilled	21	Arcadia Rebar	Tying re-steel for I-Wall
				(SEE ABOVE)
2	Unskilled	12	Gill's Crane	Moving barge & crane;
1	Skilled	6	"	Stacking up pulled sheet piles.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	3	5	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	yes	2	6	—
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	5	3	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	yes	5	3	—
EMV-300 Vib. Hammer	—	No	0	8	—
Komatsu 200 #2	—	yes	2	6	—

MATERIALS RECEIVED

Received 57 cubic yards of concrete from Lafarge today (mix Design #44-C), and placed this material as follows: 17 cy. in West Mono. #26; 17 cy. in West Mono. #28; 19 cy. in East Mono. #71; and 4 cy. in West Bank Stabilization Slab. The Government Inspector was furnished with copies of delivery tickets and batch information on all concrete received.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested concrete shown above (under materials received). Find all test results on the attached Concrete Field Data Summary sheet. Three test cylinders were molded from today's concrete, and will be delivered by B+K Construction personnel to the Government's testing lab.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked I-wall forms at East Monolith #71, West Monolith #24, and West Monolith #28 today prior to placement of concrete. Government checklist LMN Form #1246 was completed to verify that all components of the I-wall monoliths were correctly constructed. No deficient items were found upon today's inspection.

Also checked structural excavation work done on the East Bank. Btm. of excavation was found to be elevation +2.10, plus or minus 0.10'. All debris had been grubbed out of the excavated area. Underlying soil was undisturbed natural soil. No water was present, and the sub-grade soil was well compacted. This area will be formed, and 4" to 5" of stabilization slab concrete will be placed.

JOB SAFETY

Checked welders and burners for appropriate safety gear today. Welder wore an approved welding hood, and welding gloves. Torch operator wore burning goggles and leather gloves. A 5 lb. ABC type fire extinguisher was posted near the hot work area.

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. Justis
Authorized Q C Representative

3-1-96
Date

STRUCTURAL
 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 # 26 **LIFT NO.** one **ELEVATION** from 3.00 to 14.40 **DATE OF POUR** 2-29-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-29-96	10:40	D. Beadle	2/29/96	10:45
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	2-29	10:40	D. Beadle	2/29/96	10:45
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-29	10:45	D. Beadle	2/29/96	10:45
VERTICAL	✓	"	"	✓		
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmj	2-29	10:50	D. Beadle	2/29/96	10:45
CONDITION	✓	"	"	✓		

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-29-96	10:50	D. Beadle	2/29/96	10:45		
CLEANLINESS	✓	"	"	✓				
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.85'	✓	"	"	✓				
WIDTH 1.75-1.00'	✓	"	"	✓				
HEIGHT 11.40'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	2-29	10:55	D. Beadle	2/29	10:45		
G. SAFETY (LIST)	Jmj	2-29	10:55	"	"	"		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffolding	✓	"	"	✓	✓	✓		
3. Rigging Check	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-29	10:55	D. Beadle	2/29	10:45		
Exp. 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 cu	"	"				
Vibrator	1	18' shaft	"	"				
GENERATOR	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 ³ / ₄ " ; AIR ENTR. = 5.7% ; CONCRETE TEMPS = 59° ; AIR TEMPS = 54° ; 3 Test Cylinders (LA-148)							
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.								

STRUCTURAL
 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 # 28

LIFT NO. one

ELEVATION
 from 3.00 to 14.40

DATE OF POUR
 2-29-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
A. SHEET PILING	Jmf	2-29-96	2:05	D. Beadle	2/29/96	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	Jmf	2-29	2:05	D. Beadle	2/29	2:05		
CLEANLINESS	✓	"	"	✓	}	}		
WATERED	✓	"	"	✓				
WATERJET (JOINT)	N/A	N/A	N/A	N/A			N/A	N/A
D. STEEL REINFORCING	Jmf	2-29	2:10	D. Beadle	2/29	2:05		
VERTICAL	✓	"	"	✓	}	}		
HORIZONTAL	✓	"	"	✓				
SPACING	✓	"	"	✓				
CLEARANCES	✓	"	"	✓				
STEEL SCHEDULE	✓	"	"	✓				
SHOP DRAWINGS	✓	"	"	✓				
TIE WIRES	✓	"	"	✓				
#6 BAR WELDED	✓	"	"	✓				
CLEANLINESS	✓	"	"	✓				
WATERED	✓	"	"	✓				
E. FORMWORK	Jmf	2-29	2:15	D. Beadle			2/29	2:05
CONDITION	✓	"	"	✓			✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	2-29-96	2:15	D. Beadle	2/29/96	2:15
CLEANLINESS	✓	"	"	✓		
RELEASING AGENT	✓	"	"	✓		
TIES AND BOLTS	✓	"	"	✓		
LENGTH 28.86'	✓	"	"	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓		
HEIGHT 11.40'	✓	"	"	✓		
WATERSTOPS	✓	"	"	✓		
CHAMFER STRIPS	✓	"	"	✓		
F. WEATHER PROTECTION	Jmj	2-29	2:20	D. Beadle	"	"
G. SAFETY (LIST)	Jmj	2-29	2:20	D. Beadle	"	"
1. Ladder	✓	"	"	✓		
2. Scaffold	✓	"	"	✓		
3. Eye Protection	✓	"	"	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-29	2:20	D. Beadle	"	"
EXP. Material	✓	"	"	✓		
FL-400 Anchors	✓	"	"	✓		

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	2:30	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 3 3/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 59° ;
 AIR TEMPS = 52° ; 3 Test Cylinders (LA-148)
 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 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 East # 71 LIFT NO. one ELEVATION from 2.50 to 14.40 DATE OF POUR 2-29-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	2-29-96	1:05	<i>D. Beable</i>	2/29/96	1:00
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	<i>Jmj</i>	2-29	1:05	<i>D. Beable</i>	2/29	1:00
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	2-29	1:10	<i>D. Beable</i>	2/29	1:00
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	<i>Jmj</i>	2-29	1:15	<i>D. Beable</i>	2/29	1:10
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-29	1:15	D. Beadle	2/29	1:15		
CLEANLINESS	✓	"	"	✓	}	}		
RELEASING AGENT	✓	"	"	✓				
TIES AND BOLTS	✓	"	"	✓				
LENGTH 28.42'	✓	"	"	✓				
WIDTH 2.25'-1.00'	✓	"	"	✓				
HEIGHT 11.90'	✓	"	"	✓				
WATERSTOPS	✓	"	"	✓				
CHAMFER STRIPS	✓	"	"	✓				
F. WEATHER PROTECTION	Jmj	2-29	1:20	D. Beadle	2/29	1:15		
G. SAFETY (LIST)	Jmj	2-29	1:20	" "	-	-		
1. Scaffold	✓	"	"	✓	}	}		
2. Ladder	✓	"	"	✓				
3. Rigging Check	✓	"	"	✓				
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-29	1:25	D. Beadle	2/29	1:15		
Expansion Material	✓	"	"	✓	}	}		
FL-340 Anchors	✓	"	"	✓				
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Maniac Crane	1	#36/2	2:00	1.5				
Bucket	1	1.0 c.y	"	"				
Vibrator	1	18" shaft	"	"				
GENERATOR	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3 3/4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 60° ;							
	AIR TEMPS = 56° ; 3 Test Cylinders (LA-148)							
	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 PROJ. - CT
 CONCRETE FIELD DATA SUMMARY

DATE: 2-29-96

Pour Location West I-Wall Monolith #26+28, EAST Mono. #71;
West Bank Stabilization Slab from Sta. 80+25 → 80+80.

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.		
311982	11:10	11:40	4.0°	-0-	4.0°	59°	54	-	11:20	9	West Mono #26	
312010	11:45	12:30	3.75°	-0-	3.75 ^x	59°	54	5.7	3	12:00	8	East Mono #71
312065	1:59	2:24	4.0°	10 Gal	4.0°	60°	56	-	2:05	10	West Mono #28	
312085	2:40	3:20	3.75°	-0-	3.75 ^x	60°	56	5.0	-	2:50	9	West Mono #28
312081	2:30	3:00	3.5°	5 Gal	4.0°	59°	52	-	2:35	9	West Mono #28	
312094	3:19	4:00	4.0°	-0-	4.0°	59°	52	-	3:25	8	West Mono #28	
312111	4:24	4:45	2.5°	8 Gal	4.5°	58°	50	-	4:30	4	West Mono #28	

Test Cylinder Set #LA-148

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 OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
294

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

DATE Wednesday
28 February 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 Drizzle

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM	MAXIMUM
45	65

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
0.10	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
2 - 2			1 - 8	3 - 10	

Canal RIVER STAGE	
FEET	TIME
1.6	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3 - 30	16- 157	17 - 151	36 - 338

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, Erosion Control
- b. Arcadia Re-Bar - Re-steel Installation
- c. Barnes Electric - Resplice Feeder Line
- d. Gill's Crane Service - Selective Demolition

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 forms and placed concrete for 3 mono's, cut MP-112 sheet pile
- b. Tied re-bar for mono's 72, 28,35 and #33.
- c. Performed temporary splice on FL-340 feeder line.
- d. Stacked previously pulled sheet pile.

Days of no work and reasons for same:

100% days lost - 02,03,05 and 20 Feb 96.
50% days lost - 19 and 21 Feb 1996.

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

Progressive work was scheduled and performed by B&K and Arcadia this date. See attached report for details.

PERCENT PROJECT COMPLETE: 62.4
PERCENT TIME ELAPSED: 86.34

DATE SET FOR COMPLETION: 25 June 1996

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Reinforced Concrete Floodwall - See back
Re-steel Placement- No instructions given.
Temporary Splice - No instructions given.
Existing Sheet Pile - No instructions given.

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

Concrete Floodwall - Observed contractor wrecking forms at West Mono #31 and setting forms for mono's #33 and East mono #72. Performed Pre-Placement Inspection on West #24 and #33 and East #72 prior to placement of concrete. Witnessed sampling and testing of concrete being used this date (See attached LMN Form 1246). Forms were patched and cleaned before they were set up for placement of concrete. Mono #31 was patched and wet burlene blanket was placed over it for curing. Noted that concrete was not dropped more than 5', placed in lifts of less than 18' and was well vibrated. Observed time between batching of concrete trucks and placement into the forms was longer than allowed 1½ hours. B&k cutting MP-112 sheets one foot below finished grade from East B/L Sta. 90+85 to 90+55 and cutting holes for Re-bar at West Mono's #34 and #35. Cement finishers completed surface repair work at East mono #82-F/S and West mono #3 and ½ of West #4.

Arcadia Rebar - Tying resteel for Mono's EAst #72 and West Mono's 28 and #35 and set top mat for mono #33 on west side.

Barnes Electric Company - Completed temporary splice on FL-340 feeder line at approx. East B/L Sta. 90+75. It was tested and put back into service before 1700 hours today.

Gill's Crane Service - Stacked previously pulled MP-112 sheet piles on east bank near Mirabeau Ave.

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

Instructed B&K to keep close tabs on 1½ hour time between batch plant and placement of concrete since delivery of concrete to the jobsite was exceeding this limit during placement today. QC rep, Jerry Justice stated they would comply with this request.

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. Duhon	Civil Engr	1	Proj. Suprv.
C. Wagner	" "	1	" Engr.
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 2/29/96	SUPERVISOR'S INITIALS <i>YAS</i>	DATE 3/4/96
---	-----------------	-------------------------------------	----------------

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed subcontractor (Gill's) stacking & loading pulled sheet piling on trucks to be removed from site. Observed contractor cutting existing sheet piling @. el. 6.75' for temp flood protection & setting forms for upcoming concrete pour. This work was done on west side between Mirabaud & Filmon Ave. All personnel wearing hard hats & safety shoes on site.

Instructions to COCR/Remarks: None given today.

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: 2/28/96

REPORT NO.: 369

SKIES: Cloudy - Drizzle

RAIN: 0.10

IN. TEMP.: 45 MIN 65 MAX

DUST: None

LEEVE CONDITION: Damp CANAL GAUGE: (1.6) NOISE: Moderate

WORK PERFORMED/LOCATION

① B+K Construction - Wrecked forms at West Mono. #31, then patched tie-bolt holes and covered this wall with wet burlene blanket for curing. Set forms at West Mono. #33 and East Mono. #72; then placed concrete at West Mono. #24 and #33, and at East Mono. #72. Formed and poured concrete at Stabilization slab from West B Sta. 79+60 to Sta. 80+25. Poured concrete at East Bank stabilization slab from Sta. 91+35 to Sta. 90+55 (formed up yesterday). B+K personnel set top re-steel at East Mono. #72. Cut MP-112 sheets off one foot below fin. grade from East B Sta. 90+85 to Sta. 90+55. Cut holes for rebar at West Mono. #34 and #35. Demolished existing floodwall from West B Sta. 80+80 to Sta. 81+20. Cement finishers completed concrete surface repair work at East Mono. #82 (Flood Side) and at West Mono. #3 and 1/2 of #4 (Flood Side). #6 Rebar was welded on top of CZ-101 sheet piles at West Monolith #33, and on top of AZ-18 sheet piles at East Mono #72 prior to setting I-wall forms today.

② ARCADIA REBAR - Tied bottom reinforcing steel at East Mono. #72, and at West Mono. #28 and #35. Set top steel mat at West Mono. #33, and pre-tied 3 more mats for future placement.

* NOTE: See Reverse side for "Gill's Crane Service" and "Barnes Electric".

CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY				
NO	TRADE	(HOURS APPROX)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	120	B+K Const.	Wrecking, forming, & pouring I-walls; Pouring stab. slab; Cutting off existing MP-112 sheet piles; Cutting holes for rebar; welding #6 bar on top of sheets; Demo. of existing floodwall; Curing & finishing I-wall concrete. (SEE ABOVE)
11	Skilled	110	"	
2	Supt.	20	"	
1	Q.C. Rep.	10	"	
3	Skilled	24	Arcadia Rebar	Tying reinforcing steel for I-Wall (SEE ABOVE)
2	Skilled	16	Barnes Elect.	Temporary splicing of FL-340 (See Reverse Side)
3	Unskilled	24	"	
1	Skilled	7	Gill's Crane	Stacking MP-112 sheet piles
1	Unskilled	7	"	for removal (SEE REVERSE)

SIDE

Barnes Electric Company - Completed temporary splice of feeder line FL-340 at approximate East B Sta. 90+75 today. The feeder tested okay, and was put back in service before 5:00 p.m. today.

Gill's Crane Service - Stacked all the pulled MP-112 sheet piles along the East Bank near Mirabeau Avenue, to be hauled off the job later.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	7	1	—
Komatsu D37P Dozer	—	Yes	1	7	—
Kubota 151 Excavator	—	Yes	2	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	—	No	0	8	—
Mantis 3612 Crane	—	Yes	4	2	—
Koehring 405 Crane	—	Yes	4	2	—
J.S.W. Excavator	—	No			
Welding Machine	—	Yes	3	5	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	Yes	2	6	—
Emu-300 Vib. Hammer	—	No	0	8	—
Komatsu 200 #2	—	Yes	5	3	—

MATERIALS RECEIVED

Received a total of 56 cubic yards of Mix #44-c concrete from Lafarge today and placed this material as follows: 17 c.y. in West Mono #24; 17 c.y. in West Mono #33; 19 c.y. in East Mono #72; 6 c.y. in East Bank Stab. Slab; and 3 c.y. in West Bank Stab. Slab. Copies of all concrete delivery tickets plus all batch information were furnished to the Government.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction personnel tested the concrete delivered by Lafarge Concrete Company today. Results can be found on the attached Concrete Field Data Summary Sheet, and no deficient material was received today. Three test cylinders were molded, and will be sent to the government lab for compressive strength tests. Elapsed times on concrete trucks from batch time to completion of placement were more than the maximum 90 minutes. Part of this problem can be blamed on Lafarge Concrete for early arrival. Lafarge's dispatch and Quality Control were notified that this cannot continue.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the formwork, Re-steel, etc. on the three monoliths poured today. A few minor problems were found and corrected prior to commencing the pours. On West Monolith #33, form had to be plumbed $\frac{3}{8}$ " to be correctly aligned, and top re-steel clearance had to be slightly adjusted to get $2\frac{3}{4}$ " clear. On East Monolith #72, Expansion material was added just above the top of the waterstop, this was added and the form was then okayed. No other problems were found.

Also checked the demolition of existing floodwall on the West Bank. The MP-115 sheet piles were cut off at elev. +6.75. The concrete cap was lifted off the sheets using the Koehring 405 Crane and placed on the crown of the levee land side. This will be hauled off at a later date. Temporary Flood Protection was accomplished at the same time at elev. +6.75 using the existing MP-115 sheet piles.

JOB SAFETY

Inspected the swivels, and blocks, and wire rope cable on the Koehring 405 cranes. A new swivel is being ordered of greater lifting capacity for handling concrete cap sections. Wire rope show some wear from the friction against the shieve and rubbing against itself. Professional inspection has been called for, and will be done tomorrow. The crane is deemed safe to operate for now.

REMARKS

Project Inspector David Beadle instructed BTK Construction that the time between concrete batching and completion of placement must not exceed 90 minutes, or the remainder of the material must be rejected and a fresh batch ordered. We will correct this problem with help from Lafarge Concrete Company.

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 N. Justice
Authorized Q C Representative

2-29-94
Date

FORM CHECK OUT FOR

STRUCTL

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 East # 72

LIFT NO. one

ELEVATION from 2.50 to 14.40

DATE OF POUR 2-28-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmd</i>	2-28-96	1:30	<i>D. Beadle</i>	2/28/96	1:30
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	<i>Jmd</i>	2-28	1:30	<i>D. Beadle</i>	2/28/96	1:30
CLEANLINESS	✓	"	"	✓	"	"
WATERED	✓	"	"	✓	"	"
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmd</i>	2-28	1:35	<i>D. Beadle</i>	2/28/96	1:30
VERTICAL	✓	"	"	✓	"	"
HORIZONTAL	✓	"	"	✓	"	"
SPACING	✓	"	"	✓	"	"
CLEARANCES	✓	"	"	✓	"	"
STEEL SCHEDULE	✓	"	"	✓	"	"
SHOP DRAWINGS	✓	"	"	✓	"	"
TIE WIRES	✓	"	"	✓	"	"
#6 BAR WELDED	✓	"	"	✓	"	"
CLEANLINESS	✓	"	"	✓	"	"
WATERED	✓	"	"	✓	"	"
E. FORMWORK	<i>Jmd</i>	2-28	1:40	<i>D. Beadle</i>	2/28/96	1:30
CONDITION	✓	"	"	✓	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	<i>Jmf</i>	2-28	1:40	<i>D. Beadle</i>	2/28/96	1:40
CLEANLINESS	✓	"	"	✓	"	✓
RELEASING AGENT	✓	"	"	✓	"	✓
TIES AND BOLTS	✓	"	"	✓	"	✓
LENGTH 28.40'	✓	"	"	✓	"	✓
WIDTH 2.25'-1.00'	✓	"	"	✓	"	✓
HEIGHT 11.90'	✓	"	"	✓	"	✓
WATERSTOPS	✓	"	"	✓	"	✓
CHAMFER STRIPS	✓	"	"	✓	"	✓
F. WEATHER PROTECTION	<i>Jmf</i>	2-28	1:45	<i>D. Beadle</i>	2/28/96	1:40
G. SAFETY (LIST)	<i>Jmf</i>	2-28	1:45	<i>D. Beadle</i>	2/28/96	1:40
1. Ladder	✓	"	"	✓	"	✓
2. Scaffold	✓	"	"	✓	"	✓
3. Rigging	✓	"	"	✓	"	✓
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmf</i>	2-28	1:50	<i>D. Beadle</i>	2/28/96	1:40
EXP. Material	✓	"	"	✓	"	✓
FL-400 Anchors	✓	"	"	✓	"	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	2:10	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS
 SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 75° ;
 AIR TEMPS = 65° ; 3 Test Cylinders (LA-147)
 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 # 24

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-28-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	2-28-96	12:45	D. Beadle	2/28/96	1:15
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	2-28	12:45	D. Beadle	2/28/96	1:15
CLEANLINESS	✓	"	"	"	✓	✓
WATERED	✓	"	"	"	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	2-28	12:50	D. Beadle	2/28/96	1:15
VERTICAL	✓	"	"	✓	}	}
HORIZONTAL	✓	"	"	✓		
SPACING	✓	"	"	✓		
CLEARANCES	✓	"	"	✓		
STEEL SCHEDULE	✓	"	"	✓		
SHOP DRAWINGS	✓	"	"	✓		
TIE WIRES	✓	"	"	✓		
#6 BAR WELDED	✓	"	"	✓		
CLEANLINESS	✓	"	"	✓		
WATERED	✓	"	"	✓		
E. FORMWORK	Jmg	2-28	12:50	D. Beadle	2/28/96	1:15
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	<i>JmJ</i>	2-28-96	12:55	<i>David B</i>	2/28/96	1:15			
CLEANLINESS	✓	"	"	✓					
RELEASING AGENT	✓	"	"	✓					
TIES AND BOLTS	✓	"	"	✓					
LENGTH 28.85'	✓	"	"	✓					
WIDTH 1-75'-1.00'	✓	"	"	✓					
HEIGHT 11.40'	✓	"	"	✓					
WATERSTOPS	✓	"	"	✓					
CHAMFER STRIPS	✓	"	"	✓					
F. WEATHER PROTECTION	<i>JmJ</i>	2-28	1:00	<i>D. B</i>	2/28/96	1:15			
G. SAFETY (LIST)	<i>JmJ</i>	2-28	1:00	<i>D. Beadle</i>	2/28/96	"			
1. Ladder	✓	"	"	✓					
2. Scaffolding	✓	"	"	✓					
3. Rigging	✓	"	"	✓					
H. OTHER CHECKS PER SPECIFIC JOB	<i>JmJ</i>	2-28	1:00	<i>D. Beadle</i>	"	"			
Expansion Material	✓	"	"	✓					
FL-400 Anchors	✓	"	"	✓					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	1:00	1.5					
Bucket	1	1.0 c.y.	"	"					
Vibrator	1	18' shaft	"	"					
Generator	1	Enclosed	"	"					
J. REMARKS	SLUMP = 4 1/2" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 75° ;								
	AIR TEMPS = 65° ; 3 Test Cylinders (LA-147)								
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.									

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 # 33

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-28-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmf	2-28-96	2:45	D. Beadle	2/28/96	2:50
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	Jmf	2-28	2:45	D. Beadle	2/28/96	2:50
CLEANLINESS	✓	"	"	✓	"	"
WATERED	✓	"	"	✓	"	"
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmf	2-28	2:50	D. Beadle	2/28/96	2:50
VERTICAL	✓	"	"	✓	"	"
HORIZONTAL	✓	"	"	✓	"	"
SPACING	✓	"	"	✓	"	"
CLEARANCES	✓	"	"	✓	"	"
STEEL SCHEDULE	✓	"	"	✓	"	"
SHOP DRAWINGS	✓	"	"	✓	"	"
TIE WIRES	✓	"	"	✓	"	"
#6 BAR WELDED	✓	"	"	✓	"	"
CLEANLINESS	✓	"	"	✓	"	"
WATERED	✓	"	"	✓	"	"
E. FORMWORK	Jmf	2-28	2:55	D. Beadle	2/28/96	2:50
CONDITION	✓	"	"	✓	"	"

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-28	2:55	D. Beadle	2/28/96 3/10	2:55		
CLEANLINESS	✓	"	"	✓	"	"		
RELEASING AGENT	✓	"	"	✓	"	"		
TIES AND BOLTS	✓	"	"	✓	"	"		
LENGTH 28.88'	✓	"	"	✓	"	"		
WIDTH 1.75'-1.00'	✓	"	"	✓	"	"		
HEIGHT 11.40'	✓	"	"	✓	"	"		
WATERSTOPS	✓	"	"	✓	"	"		
CHAMFER STRIPS	✓	"	"	✓	"	"		
F. WEATHER PROTECTION	Jmj	2-28	3:00	D. Beadle	2-28-96	3:00		
G. SAFETY (LIST)	Jmj	2-28	3:00	D. Beadle	2/28/96	3:00		
1. Ladder	✓	"	"	✓	"	"		
2. Scaffold	✓	"	"	✓	"	"		
3. EYE Protection	✓	"	"	✓	"	"		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-28	3:00	D. Beadle	2/28/96	3:00		
FL-400 Anchors	✓	"	"	✓	"	"		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:55	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 75° ;							
	AIR TEMPS = 61° ; 3 Test Cylinders (LA-147)							
	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 CONSTRUCTION COMPANY, INC.
LONDON AVENUE CANAL FLOODWALL PROJECT
CONCRETE FIELD DATA SUMMARY

DATE: 2-28-96

Pour Location West I-Wall Monolith #24+33, EAST MONO, #12;

Stabilization Slab from West B 79+60 → 80+25 and from East B 91+35 → 90+55

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.
311786	1:00	2:00	3.0°	12 GAL	4.5 ^x	75° 60°	5.5	3	1:15	9
311737	2:22	3:30	2.75°	10 GAL	4.0°	73° 65°	-	-	2:30	8
311742	2:11	2:45	4.0°	-0-	4.0°	73° 65°	-	-	2:20	10
311752	2:55	3:35	4.0°	-0-	4.0 ^x	75° 65°	5.0	-	3:05	9
311761	3:45	4:00	3.5°	5 GAL	4.5°	73° 61°	-	-	3:55	6
311758	3:55	4:20	1.0°	28 GAL	4.0°	75° 61°	-	-	4:15	9
311763	4:29	5:15	2.0°	15 GAL	4.0°	75° 61°	-	-	4:40	7
311769	5:25	5:40	4.0°	-0-	4.0°	73° 60°	-	-	5:30	3

Test Cylinder Set #LA- 147

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
293

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

DATE Tuesday
27 February 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
100 %	100 %	100 %	100 %	100 %

TEMPERATURE	
MINIMUM	MAXIMUM
65	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	ENDING
0.10	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			2 - 16	2 - 16	

Canal RIVER STAGE	
FEET	TIME
1.3	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3 - 27.5	16 - 141	10 - 90	29 - 258.5

NUMBER OF SHIFTS

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, Erosion Control
- b. Arcadia Rebar - Re-Steel Installation
- 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 forms and placed concrete for 1 mono, structural excavation, cutting MP-115 sheet pile.
- b. Tied re-steel for mono's #24, 26, 31 and 33.

Days of no work and reasons for same:

100% days lost - 02, 03, 05 and 20 Feb 96.
50% days lost - 19 and 21 Feb 96.

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

Progressive work was scheduled and performed by B&K and Arcadia this date. See attached report for details.

DATE SET FOR COMPLETION: 25 June 1996

PERCENT PROJECT COMPLETE: 62.0
PERCENT TIME ELAPSED: 86.20

QAR INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Reinforced Concrete Floodwall - No instructions given.
- Structural Excavation - No instructions given.
- Re-Steel Placement - 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

Reinforced Floodwall - Observed contractor wrecking forms at West Mono's #27 and #29 and setting forms for monolith #31-West. Performed Pre-Placement Inspection on West #31 prior to placement of concrete(See attached LMN Form 1246). Forms were patched and cleaned before they were set up for placement of concrete. Witnessed sampling and testing of concrete being used this date(See attached Concrete Field Data Report for test results). Observed placement of concrete for the above mentioned I-wall mono, noted that concrete was not allowed to drop more than 5', was placed in lifts of less than 18"and was well vibrated. Observed B&K cutting holes in sheet pile for re-steel installation in West Mono's 31 - 33 and East Mono's 72 & 71. Cement finishers completed finishing on West Monoliths #4 & #5(L/S) and East Mono's 83 and 1/2 of #82 F/S. Observed B&K cutting off existing MP112 sheetpile one foot below finish grade from East B/L Sta. 91+35 to 90+85.

Structural Excavation - Observed B&K performing structural excavation from East B/L Sta. 91+05 to 90+70.

Re-Steel Placement - Observed Sub - Arcadia Rebar tying bottom resteel for West Mono's #24, 26 #31 and #33 and setting top mats for West Mono's #24 and #31.

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

B&K Supt. Mike Tassin contacted Mr. Clayton Perret of Sewerage and Water Board to coordinate work on temporary repair splice of feeder line FL-340, tomorrow.

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.	3	QAR
Z. Bryant	" "	4	QAR

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 2/29/96	SUPERVISOR'S INITIALS <i>gms</i>	DATE 3/4/96
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 2/27/96

REPORT NO.: 368

SKIES: Cloudy - Rain

RAIN: 0.10" IN. TEMP.: 65 MIN 83 MAX

DUST: None

LEVEE CONDITION: Damp CANAL GAUGE: (1.3) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at West Mono's #27 and #29, then patched tie-bolt holes and covered these walls with wet burlene for curing. Set forms at West Mono's #24 and #31 today. Placed concrete at West Mono. #31 only. Continued form repairs on the East and West Bank. Installed cadwelds at West Mono. Joints #33-34, #34-35, and #35-36; and on the East Bank at East Mono. Joints #70-71 and #71-72. Cut holes for rebar at West Mono's #31, #32, and #33; and at East Mono's #72 and #71. Cut off existing MP-112 sheet piles one foot below fin grade from East B Sta. 91+35 to Sta. 90+85. performed structural excavation from East B Sta. 91+05 to Sta. 90+70. set stabilization slab forms from East B Sta. 91+35 to Sta. 90+70 (Not poured yet). Cut MP-115 sheet piles at elev. +6.75 from West B Sta. 88+60 to Sta. 89+00. Cement finishers completed repairs on West Mono's #4 & #5 (Land Side); and East Mono's #83 and 1/2 of #82 (Flood Side).
 Arcadia Rebar - Tied bottom Re-steel at West Monoliths #24, #26, #31, and #33. Set top mats of Re-steel at West Mono's #24 and #31. Pre-tied one top re-steel mat for future placement.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
10	Unskilled	90	B+K Const.	wrecking, repairing, and setting
14	Skilled	125	"	up I-Wall forms; placing I-Wall
2	Supt.	19	"	concrete; repairing I-Wall forms;
1	Q.C. Rep.	8.5	"	Installing bond cables; structural
				excavation; Cutting off existing
				sheet piles; Cutting holes for rebar;
				Finishing & curing I-Wall concrete (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
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	yes	3	5	—
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	—	No	0	8	yes
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 Excavator	—	yes	4	4	—
Emv-300 Vib. Hammer	—	No	0	8	—
Komatsu 200 #2	—	yes	3	5	—

MATERIALS RECEIVED

Received 17 cubic yards of concrete from Lafarge Conc. Co. today. This material was Mix Design #44-C, and was placed in the I-Wall at west month # 31.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction Company personnel tested concrete delivered by Lafarge Conc. Co. today. Find results on the attached Concrete Field Data Summary sheet. Three test cylinders were molded today, and will be delivered by BTK Const. Co. to the Government Lab.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the form repair work done on the I-wall forms on the East + West Banks today. Plywood defects were patched with epoxy or bondo filler, and joints were also patched with this material. Fillers were then sanded smooth to leave a uniform surface. Fractured fin form liner was also re-attached to the plywood forms with screws, and joint lines were patched with epoxy filler. The channel iron on one west Bank form was welded in place and extra support beams or channels were added to prevent any deflection. All forms are now in good condition and ready to be put into service.

Checked elevation on Temporary Flood Protection on the West Bank. MPL115 Sheet piles were cut off at elev. +6.75 to +7.00. No gaps or breaks existed below elev. +6.75.

JOB SAFETY

Checked rigging used to lift I-wall forms today on the West Bank. Wire rope slings were in fair condition. New wire rope slings were ordered however, due to normal wear on the 12 month old slings. Also ordered New Nylon straps for concrete cap removal.

REMARKS

Supt. Mike Tassin contacted the Sewerage and Water Board Central Control and Mr. Clayton Perret to coordinate the feeder line temporary splice work on FL-340 tomorrow. No objections were made to this work, planned by Barnes Electric Company (unless weather does not permit).

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

2-28-90
Date

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

CONTRACT NO.

DACW29-94-C-0079

MONOLITH

West # 31

LIFT NO.

ONE

ELEVATION

from 3.00 to 14.40

DATE OF POUR

2-27-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	2-27-96	3:30			
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	2-27	3:30			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	2-27	3:35			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	JMD	2-27	3:40			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-27-96	3:40					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
LENGTH 28.87'	✓	"	"					
WIDTH 1.75'-1.00'	✓	"	"					
HEIGHT 11.40'	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	Jmj	2-27	3:45					
G. SAFETY (LIST)	Jmj	2-27	3:45					
1. Ladder	✓	"	"					
2. Scaffold	✓	"	"					
3. Eye Protection	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-27	3:45					
FL-400 Anchors		"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:55	1.5				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" + 3 3/4" ; AIR ENTR. = 6.0% + 5.2% ; CONCRETE TEMPS = 80° + 79° ;							
	AIR TEMPS = 82° + 79° ; 3 Test Cylinders (LA-46)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:				C.O.E. REPRS:				
JERRY M. JUSTICE				NONE PRESENT				
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 CONSTRUCTION COMPANY, INC
 LONDON AVENUE CANAL FLOODWALL PROJECT
 CONCRETE FIELD DATA SUMMARY

DATE: 2.27.96

Pour Location West I-Wall Monolith #31,

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.
311607	2:55	4:24	2.5°	15 Gal.	4.0 ^x	80° 82°	6.0	3	3:30	9
311621	4:32	5:20	2.5°	10 Gal.	3.75 ^x	79° 79°	5.2	-	4:35	8

Test Cylinder Set #LA-146

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 OCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER

292

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat. Sun. & Mon.
24 - 26 February 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
Fog, Cloudy to Pt. Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100/100/100	100/100/100	100/100/100	100/100/100	100/100/100

TEMPERATURE	
MINIMUM	MAXIMUM
60	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	ENDING
0.0	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			2 - 16	2 - 16	

RIVER STAGE	
FEET	TIME
1.0-1.1	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
4 - 27	15 - 136	11 - 111	30 - 254

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 (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. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; EROSION CONTROL
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- 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 forms & placed concrete for one mono; cutting off existing AZ-18 sheet piles and pulling MP-112 sheet piles, Repairing I-wall forms

Days of no work and reasons for same:

100% days lost- 02, 03, 05 and 20 Feb 96.
50% days lost- 19 and 21 Feb 96.

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

Progressive work was scheduled and performed by B&K and Gill this date. See attached CQC report for details.

PERCENT PROJECT COMPLETE: 60.63
PERCENT TIME ELAPSED: 86.05

DATE SET FOR COMPLETION: 25 June 1996

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

REINFORCED Concrete Floodwall - No instructions given.

Selective Demolition - 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 Monday, 26 February 1996

Reinforced Concrete Floodwall - Observed contractor forming for West Mono #29 and pouring concrete for same. Performed Pre-Placement Inspection on W. Mono #29 prior to placement of concrete(See attached LMN Form 1246). Witnessed sampling and testing of concrete being used this date(see attached Concrete Field Data Report for test results). Observed placement of concrete for the above mentioned I-wall mono, noted that concrete was not allowed to drop more than 5', was placed in lifts of less than 18" and was well vibrated. Observed B&K cutting holes in sheet pile for resteel installation in West Mono's #26 and #30. Observed finishers packing tie rod holes and finishing West Mono's 5 and half of #6 L/S and on East Mono's #85 and #84 on canal side. B&K lowered Feeder line FL-400 to the ground from West B/L Sta. 88+50 to Sta. 89+30 (in order to move crane to the Flood side. Contractor survey party setting grade for sub-grade along the West bank between Filmore and Prentiss Avenue.

Selective Demolition- Observed Gill cutting off existing AZ-18 sheet pile at elevation 5.25 for I-wall between East B/L Sta. 90+85 to 89+45 and pulling existing MP-112 sheet piles for salvage for East B/L Sta. 71+50 to Sta. 72+85.

No QA checks were made on Saturday, 24 February 1996, due to weekend.

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

None

CONTROVERSIAL MATTERS IN DETAIL.

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

New Orleans Sewerage and Water Board notified B&K that there was an electrical problem with feeder line FL-340. Apparently the splice in FL-340 at approx. East B/L Sta. 91+00 was pulled apart slightly while B&K crew was pulling up Temporary cofferdam sheet piles. Barnes Electric was notified today, and the plan to repair it on Wednesday, 28 Feb 96.

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.	4	QAR
Z. Bryant	" "	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 minutes.

Contractor personnel wore hard hats, safety glasses, gloves and safety shoes during work today.

INSPECTOR'S SIGNATURE David Beadle <i>David Beadle</i>	DATE 2/29/96	SUPERVISOR'S INITIALS <i>gms</i>	DATE <i>3/6</i> 3/9/96
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Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2	0	61.2	61.2
02	CLEARING & GRUBBING	L.S.	L.S.	83.2	0	83.2	83.2
03	SELECTIVE DEMOLITION	L.S.	L.S.	52.1	0.5	52.6	52.6
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	100	0	100	100
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	0	0	0	0
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	43.5	0	43.5	43.5
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	0	0	0	0
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	82.8	1.0	83.8	83.8
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES	L.S.	L.S.	100	0	100	100
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	0	0	0	0
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	140622.70	0	140622.70	74.9
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	527.69	0	527.69	52.9
13	PAINTING	L.S.	L.S.	0	0	0	0
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	61.5	2	63.5	63.5
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	0	0	0	0
16	UTILITY MODIFICATIONS	L.S.	L.S.	0	0	0	0
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	70.7	0.5	71.2	71.2
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	9.6	0	9.6	9.6
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9315 lf	0	9315 lf	87.6
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700	0	0	0	0
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	98.8	0	98.8	98.8
21	MISCELLANEOUS METALS	L.S.	L.S.	69.2	0	69.2	69.2
22	FEncing (CIN 02)	L.S.	L.S.	100	0	100	100
23	VECP, Wall Realignment (CIN-06)	L.S.	L.S.	37.0	0	37.0	37.0
24	VECP, Payment/Wall realinment	L.S.	L.S.	37.0	0	37.0	37.0

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

NONE RECEIVED

TESTS PERFORMED
(As required by plans/specifications)

NONE PERFORMED

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

None Performed Today

JOB SAFETY

Supt. Al Stechmann checked sand-blasting equipment, breathing air supply, etc. prior to its use. Supplied men on blasting crew with dust masks and cover-alls. Sandblaster wore approved blasting hood while performing this work.

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

2-26-96

Date

FORM CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO.
 DACW29-94-C-0079

MONOLITH
 West # 29

LIFT NO. one

ELEVATION
 from 3.00 to 14.40

DATE OF POUR
 2-26-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-26-96	12:10	ZOB	2-26-96	1225
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	2-26	12:10	ZOB	2-26-96	1225
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-26	12:15	ZOB	2-26-96	1225
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-26	12:20	✓	✓	✓
CONDITION	✓	"	"	ZOB	2-26-96	1230

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	Jmj	2-26-96	12:20	ZJB	2-26-96	1230			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.88'	✓	"	"	✓	✓	✓			
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓			
HEIGHT 11.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	Jmj	2-26	12:25	ZJB	2-26-96	1235			
G. SAFETY (LIST)	Jmj	2-26	12:25	ZJB	2-26-96	1235			
1. Scaffold	✓	"	"	✓	✓	✓			
2. Ladder	✓	"	"	✓	✓	✓			
3. Eye Protection	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-26	12:25	ZJB	2-26-96	1235			
FL-400 Anchors	✓	"	"	✓	✓	✓			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	1240	1.75					
Bucket	1	1.0 cu yd	"	"					
Vibrator	1	18' shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 4 1/4" and 4" ; AIR ENTR. = 4.9% + 5.2% ; CONCRETE TEMPS = 80° + 79° ; AIR TEMPS = 81° + 81° ; 3 Test Cylinders (LA-145)								
FINAL CLEARANCE									
CONTRACTOR REPRS: Jerry M. Justice					C.O.E. REPRS: ZJB				
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.									

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

DATE: 2/26/96

REPORT NO.: 367

SKIES: Fog A.M.; Pt. Cloudy P.M. RAIN: 0

IN. TEMP.: 63 MIN 83 MAX

DUST: Minimal

LEEVE CONDITION: Dry

CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

2-25-96 Sunday - No Work Performed.

①

2-26-96 Monday - B+K Construction Company - Completed forming west Mono. #29, then placed concrete at West Mono. #29 today. Set forms and placed concrete in stabilization slab from West $\frac{1}{2}$ Sta. 78+50 to Sta. 79+60. Wrecked forms at East Mono. #73 and began repairing form surfaces here and on the second west bank. I-Wall form. Cut holes for rebar at West Monoliths #26 and #30. Lowered Feeder Line FL-400 to the ground from West $\frac{1}{2}$ Sta. 88+50 to Sta. 89+30 (to facilitate moving crane to the Flood Side). Cement finishers completed repairs on West Mono's #6 and $\frac{1}{2}$ of #5 (land side) and on East Mono's #85 and #84 (Canal Side). Survey crew established elevations for sub-grade along the West Bank between Filmore and Prentiss Avenue.

②

Gill's Crane Service - Cut off existing A2-18 sheet piles at elev. +5.25 for I-Wall construction from East $\frac{1}{2}$ Sta. 90+85 to Sta. 89+45. Pulled up existing MP-112 sheet piles for salvage from East $\frac{1}{2}$ Sta. 71+50 to Sta. 72+85.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY
 COMPANY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
10	Unskilled	90	B+K Const.	Wrecking, Repairing, + setting up
12	Skilled	105	"	I-Wall forms; Placing I-Wall and
2	Supt.	19	"	stab. Slab concrete + cutting holes
1	Q.C. Rep.	10	"	for rebar; Finishing + curing
				I-Wall concrete; Establishing
				control elevations for I-Wall
				work (SEE ABOVE)
3	Skilled	15	Gill's Crane	Cutting off existing A2-18
1	Unskilled	5	"	sheet piles; Pulling up existing
				MP-112 sheets for salvage
				(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	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	4	4	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	4	4	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	NO	0	8	yes
Welding Machine	—	NO	0	8	—
Compressor + Sandblaster	—	NO	0	8	—
Komatsu 200 Excavator	—	yes	3	5	—
EMU-300 Vib. Hammer	—	NO	0	8	—
Komatsu 200 #2	—	yes	4	4	—

MATERIALS RECEIVED

Received 17 cubic yards of Mix #44-C Concrete for West Moulding #29, and 7 cubic yards of Mix #44-C for West B Stab. Slab (see Page 1 for location). All concrete material was delivered by Lafarge Conc. Co. today.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction performed tests and inspections on Lafarge Concrete Company's Mix Design #44-C today. No problems with slump, entrained air, or temperature were recorded today. Find results documented on the attached Concrete Field Data Summary sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked the formwork, reinforcing steel and all other aspects of West Monolith #29 today prior to beginning of the concrete pour. Placement of concrete did not begin until the forms were inspected by myself and Project Inspector Zone Bryant. No problems or deficiencies were found, and placement was approved to begin after Form #1246 was signed off. Carpenters kept a watch on forms as the concrete pour progressed, and made minor alignment adjustments when needed.

Checked cut off elevation on existing A2-18 sheet piles. Found the top of sheet piles to be at elev. +5.25, plus or minus 0.10'. The 9" elevation change at each monolith joint will be accomplished by BTK Construction when rebar holes are cut out. Bill's Crane Service hauled off the scrap pieces of A2-18 sheet piles for salvage today.

JOB SAFETY

Held the weekly safety meeting today in the Pratt Drive staging area at 7:00 AM. Minutes of the meeting are attached.

Checked rigging used to lift the concrete placement bucket today. Slings, shackles and safety latch were in good condition.

REMARKS

The Orleans Sewerage & Water Board informed BTK Construction that there was an electrical problem with feeder line FL-340. Apparently the splice in FL-340 at approx. East B Sta. 91+00 was pulled apart slightly while our crew was pulling up Temporary Cofferdam sheet piles. Barnes Electric Company was notified today and they plan to repair it on Wednesday, 2-28-96.

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

2-27-96

Date

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

DATE: 2.26.96

Pour Location West I-Wall Monolith #29, and west Bank
 Stabilization Slab from Sta. 78+50 to 79+60.

Supplier - LAFARGE CONCRETE COMPANY

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

*west
 Mon.
 #29*

*stab
 slab*

TICKET NO	TIME ARRVD	TIME CMPLTD	SLUMP/ARRVD	WATER ADDED	SLUMP AS PLCD	TEMP. CON/AIR	% AIR	CYL'S MOLDED	TIME SAMPLED	C. Y.
311177	12:42	1:14	3.75°	5 Gal	4.25 ^x	80° 81°	4.9	3	12:50	9
311198	1:20	2:20	3.0°	8 Gal	4.0 ^x	79° 81°	5.2	-	1:30	8
311251	3:25	4:02	1.0°	20 Gal	4.5°	80° 80°	-	-	3:35	7

Test Cylinder Set #LA-145

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

TECHNICIAN:
Steve Thorne

MINUTES OF SAFETY MEETING

DATE: 2-26-96

TIME: 7:00 Am

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

John [unclear]
David [unclear]
William Sullivan
David Jones Jr.
Sergeant M. Brown
James Kipsulak
Nathaniel Ross

Harry Lee
Bernard [unclear]
Glen Weaver
Matthew R. Suttles
Mike [unclear]
John [unclear]
M. Strickland
Dal [unclear]
Bryan Ventum
FRANK FRANKLIN

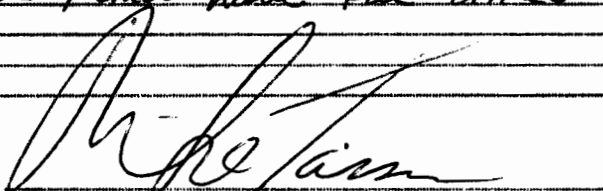
TOPICS DISCUSSED:

Jerry Justice

Discussed scaffold and handrail safety, with emphasis on daily checks and repair. Employees were told to get with the carpenter foreman if any repairs are needed. Also talked about individual awareness of safety every day. Workers should have a clear mind, and not allow problems from home or personal life to distract them. The best safety equipment is your common sense, and a good awareness of safety. Employees should always keep an eye out for unsafe conditions or unsafe acts, and alert other employees to avoid accidents.

COMMENTS:

The fuel and oil retaining dikes need minor repair and clean up in the staging area at Pratt Drive and Robert E. Lee Blvd. The foreman stated that he would put some men on this job, and have the dikes repaired by tomorrow.


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

291

TO Area Engineer,
CELMN-CD-NO

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

DATE

Friday

23 February 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

Partly Cloudy & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE

MINIMUM	MAXIMUM
62°	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	ENDING
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-6 hrs	1-6 hrs	

Canal RIVER STAGE

FEET	TIME
1.40'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-29½ hrs	15-144 hrs	14-132 hrs	32-305½	0700M	1730M	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. - CONCRETE FLOODWALL; CLEARING; FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- 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) Wrecked forms; Set forms & placed concrete for 1 I-Wall Mono; Curing; Cut off existing MP-115 sheet piles; Rubbed I-Wall surfaces; Installed 2 Cathodic jumpers; Clearing; Cofferdams; Cut holes in sheet piles for resteel installation.
- b) Pulled existing MP-112 sheet piles; Hauled existing MP-115 sheet piles for salvage.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03, 05 & 20 Feb 96.
50% of days lost due to adverse weather/wet ground on 19 & 21 Feb 96.

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

Progressive work performed by B&K & Gill only this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT PROJECT COMPLETE: 60.6%

PERCENT TIME ELAPSED: 85.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

CELARING & GRUBBING: No instructions issued.

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

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Monos #22 & #25 after forms were removed and noted no major surface defects. Performed a Pre-Placement Inspection on W. Mono #27 this date prior to concrete placement (see attached LMN Form 1246). Witnessed sampling and testing of the first load (9 cy) of concrete used this date (see attached Concrete Field Date Sheet for all concrete test results). Observed finishers packing tie-rod holes in W. Monos #22 & #25 with dry pack mortar, and rubbing L/S surfaces of W. Monos #03 & #07 and the F/S surfaces of E. Monos #87, #88 & #89. Checked installation of 2 cathodic protection jumpers between W. Monos #31/#32 & #32/#33, and found them properly cadwelded approx. 8" below the I-Wall subgrade, and also noted that welded connections were properly coated with epoxy resin as required. Noted that B&K welded #6 rebars to the tops of all new sheet piles for W. Monos #30 thru #32 for cathodic protection. Noted that W. Monos #03, #20, #21, #22, #23 & #25 were covered with wet burlene blankets for curing as required.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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:

NOTE: Contractor B&K notified QAR, Z. Bryant at approx. 0800 hrs. on Mon., 26 Feb 96, that they (B&K) had a minor failure in the forms while they were placing concrete for W. Mono #27 on Fri., 23 Feb 96. Damage to this mono could not be assessed at this time, due to forms remaining in-place. QAR immediately informed PE, C. Wagner & SCE, D. Duhon of these findings on Mon., 26 Feb 96.


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
Z. BRYANT	Const. Insp., GS-07	5 hrs.	QAR

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

Checked and found all personnel on site to be wearing hard hats and proper safety footwear. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 27 FEB 96	SUPERVISOR'S INITIALS gw	DATE 2/28/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 291

DATE Fri. - 23 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

TEMPORARY FLOOD PROTECTION: Observed B&K cutting off existing MP-115 sheet piles at elev. +6.75' for temporary flood protection, between WB/L Sta's 81+75 & 82+40 (existing concrete caps not removed as of this date). Checked and found that B&K installed 1-split sleeve casing in the temporary cofferdam closure at approx. EB/L Sta. 86+20 for the FL-340 feeder line.

CLEARING & GRUBBING: Observed B&K continuing to clear & grub on the F/S of the existing floodwall between approx. WB/L Sta's 96+00 & 100+00. Cleared debris is being stockpiled for future removal from site.

SELECTIVE DEMOLITION: Observed Gill pulling existing MP-112 sheet piles for the F/S of the new floodwall from between EB/L Sta's 70+26 & 71+50. Also noted that Gill is continuing to haul previously pulled MP-115 sheet piles off of the job site.


QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FORM 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 # 27

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-23-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmg	2-23-96	11:50	ZOB	2-23-96	1205
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	2-23-96	11:50	ZOB	2-23-96	1205
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmg	2-23-96	11:55	ZOB	2-23-96	1210
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmg	2-23-96	12:00	ZOB	2-23-96	1215
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	<i>Jmf</i>	2-23-96	12:00	<i>ZOB</i>	2-23-96	12:15
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.86'	✓	"	"	✓	✓	✓
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	<i>Jmf</i>	2-23	12:05	<i>ZOB</i>	2-23-96	12:20
G. SAFETY (LIST)	<i>Jmf</i>	2-23	12:05	<i>ZOB</i>	2-23-96	12:20
1. Scaffold	✓	"	"	✓	✓	✓
2. Eye Protection	✓	"	"	✓	✓	✓
3. Rigging Check	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmf</i>	2-23	12:05	<i>ZOB</i>	2-23-96	12:20
FL-400 Anchors		"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:45	2.25				
Bucket	1	1.0 C.Y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = $3\frac{3}{4}'' + 4''$; AIR ENTR. = $5.0\% + 5.8\%$; CONCRETE TEMPS = $78^\circ + 80^\circ$;
 AIR TEMPS = $82^\circ + 82^\circ$; 3 Test Cylinders (LA-144)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M. Justice* C.O.E. REPRS: *Zane A. ...*

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.

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

DATE: 2/23/96

REPORT NO.: 365

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 62 MIN 83 MAX

DUST: Minimal

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

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at West Mono's #22 and #25 today, then patched tie-bolt holes and covered these walls with wet burlap blankets. Set forms and top re-steel at West Mono. #27. Placed concrete at West Mono. #27 today. Set Canal Side form, and top re-steel mat at West Mono. #29. Welded #6 rebar on top of C2-101 sheet piles at West Mono's #30, #31, and #32. Installed bond cables at West Mono. Joints #31-32 and #32-33. Cut off existing MP-115 sheet piles at elev. +6.75 for Temp. Flood Protection from West B Sta. 81+75 to Sta. 82+40. Cleared and grubbed the Canal Side area from West B Sta. 96+00 to Sta. 100+00. Cleaned up trash from construction along the West Bank between Mirabeau and Filmore Avenues. Cement finishers completed repair work on West Mono's #3, #7, and 1/2 of #6 (Land Side) and on East Mono's #89, #88, #87, and #86 (Flood Side). Made tie-in for temp. Cofferdam at East B Sta. 86+20, and installed split sleeve casing for FL-340 (same station). Gill's Crane Service - Pulled up existing MP-112 sheet piles for salvage from East B Sta. 70+26 to Sta. 71+50. Continued loading up and hauling off pulled sheet piles.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	125	B+K Const.	Wrecking & setting forms;
13	Skilled	130	"	Placing, finishing, and curing I-wall
2	Supt.	20	"	concrete; Cathodic Protection work;
1	Q.C. Rep.	9.5	"	Cutting off existing sheet piles;
				Temp Flood Protection work;
				Repairing forms; Clearing & grubbing.
				(SEE ABOVE)
2	Skilled	14	Gill's Crane	Pulling up, loading, and hauling
1	Unskilled	7	"	off existing sheet piles.
				(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	1	1	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	6	2	—
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	—	yes	6	2	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	1	7	—
Welding Machine	—	yes	3	5	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	yes			
EMU-300 Vib. Hammer	—	yes	3	5	—
Komatsu 200 #2	—	yes	5	3	—

MATERIALS RECEIVED

Received 17 cubic yards of concrete for West Monolith #27. This material was Lafarge Concrete Company's mix design #44-C. Copies of delivery tickets and all necessary batch information were furnished to the Government Inspector today.

TESTS PERFORMED
(As required by plans/specifications)

B&K Construction performed concrete testing and inspection as required by the contract. Find results of these tests documented on the attached Concrete Field Data Summary sheet. Three test cylinders were molded from today's concrete and will be delivered to the Government Lab by B&K Const. Company.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected sheet pile pulling work done on the East Bank. Voids left behind by MP-112 and MP-112 Removal were negligible. Pulled piles were stacked on the canal side of the new I-wall to be hauled out later. No apparent damage was done to the new floodwall or to feeder line FL-340. Some scrap sheet piles were hauled off today, but some remain to be removed.

Also inspected the cathodic protection work done on the West Bank today. #6 Rebar welded to the top of C2-101 sheet piles was clean and free of rust or oil residue. These bond bars were tack welded to each piece of C2-101 sheet piling except that no steel cables were exothermically welded to the C2-101 sheet piles on each side of the monolith joints to provide continuous cathodic protection. All requirements set forth in the contract specifications and plans were satisfied.

JOB SAFETY

Checked workers on concrete placing crew for safety glasses. All were wearing approved eye protection.

Checked workers for approved hard hats and steel toe boots - No employees were found in violation of these safety requirements.

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

2-26-96
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

290

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

DATE Thursday
22 February 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
Partly Cloudy & 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 62°	MAXIMUM 83°
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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 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-2 hrs	OFFICE	LAYOUT	INSPECTION 1-11 hrs	TOTAL 2-13 hrs	LABOR
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FEET 1.20'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-30½ hrs	SKILLED 17-165 hrs	LABORERS 15-149 hrs	TOTAL 35-344½	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. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; CLEARING; FLOOD PROTECT.
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

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) Wrecked forms; Set forms & placed concrete for 2 I-Wall Monos; Cut-off existing MP-112 & MP-115 sheet piles; Cut holes in sheet piles for resteel installation; Drove temp. cofferdam piles; Rubbed I-Wall surfaces; Curing; Clearing.
- b) Continued to haul previously pulled MP-115 sheet piles off of jobsite.
- c) Set bottom resteel for 3 Monos & pre-tied 4 sets of wall stem resteel mats.

Days of no work and reasons for same:

- 100% of days lost due to adverse weather/wet ground on 02, 03, 05 & 20 Feb 96.
- 50% of days lost due to adverse weather/wet ground on 19 & 21 Feb 96.

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

Progressive work was scheduled and performed by B&K, Gill and Arcadia this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 28 MAY 96 PERCENT PROJECT COMPLETE: 60.5%
PERCENT TIME ELAPSED: 85.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- TEMPORARY FLOOD PROTECTION: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.
- CLEARING & GRUBBING: No instructions issued.

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

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Mono #20 after forms were removed and noted no major surface defects. Observed finisher packing tie-rod holes on W. Mono #20 after forms were removed, with dry-pack mortar. Observed finishers rubbing F/S of E. Monos #80 thru #85, and L/S of W. Monos #03, #06 & #07. Performed a Pre-Placement Inspection on W. Monos #22 & #25 prior to placement of concrete (see attached LMN Form 1246's). Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Report for test results). Observed placement of concrete for the above mention I-Wall Monos, noted that concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Observed B&K cutting holes in sheet piles for resteel installation in W. Monos #27, #28 & #29. Noted W. Monos #03, #04, #05, #19, #20, #21 & #23 were covered with wet burlene blankets for curing as required

SELECTIVE DEMOLITION: Observed Gill hauling previously pulled MP-115 sheet piles off of the jobsite. Observed B&K Cutting off existing MP-112 sheet piles at elev. +3.5' between EB/L Sta's 97+60 & 98+30. Noted B&K Cut off existing MP-115 sheetpiles at elev. +6.75, between WB/L Sta's 81+40 & 81+75. (CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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

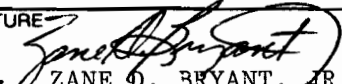

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Engr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	10 hrs.	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 this date. See attached minutes for topics discussed. Checked and found all cutting torch sets being used this date (3) to have properly installed anti-flow back check valves. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 26 FEB 96	SUPERVISOR'S INITIALS 	DATE 2/27/96
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QUALITY ASSURANCE REPORT SUPPLEMENT

CONTRACT NO.: DACW29-94-C-0079

QAR# 290

DATE Thu. - 22 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:
(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

TEMPORARY FLOOD PROTECTION: Observed B&K driving temporary cofferdam sheet piles to an approx. top elev. of +8.00', approx. 8' F/S of the existing AZ-18 sheet piles, between EB/L Sta's 86+20 and 88+00. Noted B&K cut off existing MP-115 sheet piles at elev. +6.75' between WB/L Sta's 81+40 & 81+75 for temporary flood protection (concrete caps not removed as of this date).

RESTEEL INSTALLATION: Observed Arcadia setting, tying, and spacing all required re-steel for the bottom sections of W. Monos #22, #27 & #29 this date. and pre-tying 4 sets of wall stem resteel mats for future placement. All resteel set & spaced in accordance with approved shop drawing and steel schedule.

CLEARING & GRUBBING: Observed B&K continuing to clear & grub on the F/S of the existing floodwall, between WB/L Sta's 89+00 & 96+00. However, clearing & grubbing is not completed in this reach.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FL 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 # 22

LIFT NO.
one

ELEVATION
from 3.00 to 14.40

DATE OF POUR
2-22-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-22-96	12:45	ZOB	2-22-96	1330
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	2-22	12:45	ZOB	2-22-96	1330
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-22	12:50	ZOB	2-22-96	1335
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-22	12:55	ZOB	2-22-96	1340
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-22-96	12:55	ZAB	2-22-96	1340		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.87'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	2-22	1:00	ZAB	2-22-96	1345		
G. SAFETY (LIST)	Jmj	2-22	1:00	ZAB	2-22-96	1345		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging Check	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-22	1:05	ZAB	2-22-96	1345		
Exp. Material	✓	"	"	✓	✓	✓		
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 = 3" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 75° ;							
	AIR TEMPS = 83° ; 3 Test Cylinders (LA-143)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: [Signature]			
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.								

FL. 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 # 25

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-22-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-22-96	3:30	ZJB	2-22-96	1530
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	2-22-96	3:30	ZJB	2-22-96	1530
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-22	3:35	ZJB	2-22-96	1535
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-22	3:40	ZJB	2-22-96	1540
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JMD	2-22-96	3:46	ZOB	2-22-96	1540
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.86'	✓	"	"	✓	✓	✓
WIDTH 1.75' - 1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JMD	2-22	3:45	ZOB	2-22-96	1545
G. SAFETY (LIST)	JMD	2-22	3:45	ZOB	2-22-96	1545
1. Eye Protection	✓	"	"	✓	✓	✓
2. Ladder	✓	"	"	✓	✓	✓
3. Scaffold	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JMD	2-22	3:45	ZOB	2-22-96	1545
FL-400 Anchors	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	4:05	2				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 3" ; AIR ENTR. = 5.8% ; CONCRETE TEMPS = 73° ;
 AIR TEMPS = 80° ; 3 Test Cylinders (LA-143)

FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: [Signature]

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.

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed concrete placement
 for west side man # 22 between Mirabeau
 + Filmore Ave. Concrete placed in layers
 with use of tremmie chutes + vibrated
 for consolidation. Witnessed air & slump
 tests that were performed on concrete
 (See attached sheet CQC # 364 for results.)
 Observed crew on east side between
 Filmore + Pump. Sta. # 4 drive temp.
 sheet pile cofferdam to a. 7.0' (approx.)
 for temporary flood protection. No difficulty
 driving observed

Instructions to CQC/Remarks:

N/A

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: 2/22/96

REPORT NO.: 364

SKIES: Cloudy - Pt. Cloudy RAIN: 0" IN. TEMP.: 62 MIN 83 MAX

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

WORK PERFORMED/LOCATION

- ① B&K Construction - Wrecked forms at West Mono. #20, then patched tie-bolt holes and covered this wall with wet burlene. Set forms and top reinforcing steel at West Mono's #22 and #25. Placed concrete at West Mono's #22 and #25 today. Cut holes for rebar at West Mono's #27, #28, and #29. Cut off existing MP-115 sheet piles at elev. +6.75 for Temp. Flood Protection from West B Sta. 81+40 to Sta. 81+75. Cut off existing MP-112 sheet piles one foot below fin. grade from East B Sta. 98+30 to Sta. 97+60. Drove Temp. Flood Protection sheet piles from East B Sta. 88+00 to Sta. 86+20. Cleared + grubbed the Canal side area between West B Sta. 89+00 to Sta. 96+00. Cement finishers continued repairs on East Monoliths #89 through #74 (Canal Side) and on West Monoliths #3, #6, and #7 (Land Side).
- ② Gill's Crane Service - Loading up and hauling off pulled MP-115 sheet piles along the East Bank between Mirabeau and Filmore Avenues. (Not Completed Yet)
- ③ Arcadia Rebar - Tied bottom reinforcing steel at West Mono's #22, #27, and #29. Also pre-tied top re-steel mats for future placement in I-wall stems.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	135	B&K Const.	Wrecking + setting I-wall forms;
13	Skilled	140	"	Placing I-wall concrete; Cutting
2	Supt.	20	"	holes for rebar; cutting off MP-112
1	Q.C. Rep.	10.5	"	and MP-115 sheet piles; Driving
				Temp. Cofferdam sheet piles; clearing
				+ grubbing; Finishing + curing
				I-wall concrete. (SEE ABOVE)
1	Skilled	7	Gill's Crane	Loading + hauling off pulled MP-115
2	Unskilled	14	"	Sheet Piles (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
Koehring 535 Crane	—	yes	7	1	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	8	0	—
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	—	No	0	8	yes
Mantis 3612 Crane	—	yes	8	2	—
Koehring 405 Crane	—	yes	7	3	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	yes	8	2	—
EMU-300 Vib. Hammer	—	yes	8	2	—

MATERIALS RECEIVED

Received 17 C.Y. of concrete for West Mono. #22, and 17 C.Y. of concrete for West Mono. #25 today. All of this material was Mix Design #44-C, delivered by Lafarge Concrete Company.

TESTS PERFORMED

(As required by plans/specifications)

B+K Const. Co. tested & inspected the concrete delivered by Lafarge Con. Co. today. Find results of these tests on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked the disposition of cleared & grubbed materials on the West Bank between Filmore Avenue and Prentiss Avenue. The materials were mostly small trees, brush, stumps, and a small amount of concrete or other debris. These materials were cleared and grubbed out of the work area, plus 5' on either side of the new I-Wall location. The cleared material were then windrowed or piled along the edge of the canal, to be hauled off at a later date.

Checked the Temporary Flood Protection work done today on the East and West Bank. Steel sheet piles were interlocked and driven to a cut-off elevation of ± 8.00 on the East Bank. Some longer sheet piles could not be driven to elev. ± 8.00 because of difficult driving conditions. The crew's superintendent said that he would be responsible for marking the longer piles so that the penetration into the soil was adequate. Checked elevation on MP-115's cut-off for Temp. Flood Protection on the West Bank, and found cut-off elev. of ± 6.75 to ± 7.00 .

JOB SAFETY

The weekly safety meeting was held at 7:00 Am today. Find the minutes of the meeting attached to this report.

Handrails on I-Wall scaffold at West mono, # 25 had to be repaired before concrete placement could begin. Carpenters repaired the damaged handrails at my request.

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

2-23-96
Date

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

DATE: 2.22-96

Pour Location West I-Wall Monolith #22 and #25.

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.
310545	2:15	3:05	1.0°	10 Gal	3.0 ^x	75° 83°	5.0	-	2:30	9
310560	3:00	3:38	3.5°	-0-	3.5°	72° 83°	-	-	3:05	8
310579	4:07	5:02	1.0°	23 Gal	3.0 ^x	73° 80°	5.8	3	4:15	9
310598	5:06	5:55	3.25°	10 gal	4.5°	73° 80°	-	-	5:10	8

Test Cylinder set #LA-143

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

TECHNICIAN:
Steve Thorne

MINUTES OF SAFETY MEETING

DATE: 2-22-96

TIME: 7:00 AM

PROJECT: London Avenue Canal Floodwall

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Bryan Verdun
John Ward
Robert Jones Jr.
William Brown
FRANK BERNARD
Dennis Kelsatril
Walter Dillion
Nathanial Cross
Robert Miller
Eric Bailey

Gregory Jackson
Larry [unclear]
[unclear]
[unclear]
Steve Stone
[unclear]
[unclear]

TOPICS DISCUSSED: Discussed proper storage and handling of gasoline and diesel fuel on the job. Only approved safety cans (Type I and Type II) can be used to store or transport fuel on this project. Any other gas cans must be emptied, removed from the job, or used only for non-flammable liquids. Fire extinguishers must be kept on hand where gasoline or diesel fuel are being stored, handled, or burned in combustion engines.

Also discussed inspection of rigging used to lift concrete buckets and I-wall forms. Any worn or defective wire rope slings must be removed from service, and your supt. must be notified.

COMMENTS:

Now that the weather is becoming warmer, everyone should be aware of the possible presence of poisonous snakes and other dangerous animals. Spiders are a serious threat to your health as well, and all of us must be alert to avoid insect bites.

[Signature]
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
289

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

DATE Tuesday & Wednesday
20 & 21 February 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
Partly Cloudy & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 0/50 %	BORROW EXCAVATION 0/50 %	EMBANKMENT 0/50 %	CONCRETE 0/50 %	STRUCTURE 0/50 %
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TEMPERATURE	
MINIMUM 58°	MAXIMUM 79°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-9 hrs	TOTAL 1-9 hrs	LABOR
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Canal RIVER STAGE	
FEET 1.50'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
2-20½ hrs	13-125 hrs	12-109 hrs	27-254½

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	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. - CONCRETE FLOODWALL; CLEARING & GRUBBING; EROSION CONTROL
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- 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) Wrecked forms; Set forms & placed concrete for one Mono; Installed 3 cathodic jumpers; Curing; Rubbing I-Wall surfaces; Clearing & grubbing on west levee; Set forms & placed concrete for slab slabs; Repairing silt fences.
- b) Preparing to remove pulled MP-115 sheet piles from jobsite.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03, 05 & 20 Feb 96.
50% of days lost due to adverse weather/wet ground on 19 & 21 Feb 96.

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

No progressive work was scheduled or performed on Tue., 20 Feb 96 due to Mardi Gras Holiday. Also wet ground conditions would not have permitted progressive work to be performed on 20 Feb 96. Progressive work was performed by B&K on Wed., 21 Feb 96. However, progressive work was hampered due to wet ground conditions.
DATE SET FOR COMPLETION: 28 MAY 96
PERCENT PROJECT COMPLETE: 60.3%
PERCENT TIME ELAPSED: 85.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Wed., 21 Feb 96:
REINFORCED CONCRETE FLOODWALL: No instructions issued.
SELECTIVE DEMOLITION: No instructions issued.
CLEARING & GRUBBING: No instructions issued.
EROSION CONTROL: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Wed., 21 Feb 96:
REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Mono #23 after forms were removed and noted no major surface defects. Observed finisher packing tie-rod holes in W. Mono #23 with a dry-pack mortar as required. Observed finishers rubbing P/S surfaces of W. Monos #03, #06 & #07, and the F/S surfaces of E. Monos #85 thru #89, with a grout mixture. Checked installation of 3 cathodic protection jumpers, between joints of W. Monos #28/#29, #29/#30 & #30/#31, and found jumpers properly cadwelded approx. 8" below I-Wall sub-grade, and properly coated with epoxy resin. Performed a Pre-Placement Inspection on W. Mono #20 prior to placement of concrete (see attached LMN Form 1246). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for W. Mono #20 and noted that concrete was placed in lifts of less than 18", was not allowed to drop more than 5', and was well vibrated. Checked forms and grade for stabilization slabs between WB/L Sta's 77+65 & 78+50, and found that the tops of the forms were set at elev. +3.00 and the inside of forms was graded to accept +4.0" of concrete.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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

NOTE: No work was scheduled or performed on Tue., 20 Feb 96, due to the Mardi Gras Holiday. However, due to wet ground conditions from previous rain fall 100% of day would have been lost on Tue., 20 Feb 96, and 50% was lost on Wed., 21 Feb 96.

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>
Z. BRYANT	Const. Insp., GS-07	8 hrs.	QAR

NOTE: No QAR on site on Tue., 20 Feb 96, due to the Mardi Gras Day Holiday and no work being performed by contractors.

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

Observed personnel cleaning streets with shovels and brooms, to be wearing safety reflective vest, and a flagman being used to direct traffic.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 22 Feb 96	SUPERVISOR'S INITIALS 	DATE 2/21/96
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QUALITY ASSURANCE REPORT SUPPLEMENT

CONTRACT NO.: DACW29-94-C-0079

QAR# 289

DATE 20 & 21 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

CLEARING & GRUBBING: Observed B&K using the Kubota 151 to clearing and grub debris and brush between the existing floodwall and the canal, between WB/L Sta's 85+80 & 89+00. All debris being stockpiled along the top of the canal bank for future removal.

SELECTIVE DEMOLITION: Observed Gill stacking previously pulled MP-115 sheet piles for future removal from site, between EB/L Sta's 73+00 & 82+00.

EROSION CONTROL: Noted that B&K completed repairs on all safety/silt fences between EB/L Sta's 70+20 & 99+70 , and between WB/L Sta's 70+40 & 84+55.


QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

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# 20

LIFT NO. ONE

ELEVATION
from 3.00 to 14.40

DATE OF POUR
2-21-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	2-21-96	1:05	ZAB	2-21-96	1315
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	2-21	1:05	ZAB	2-21-96	1315
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	2-21	1:10	ZAB	2-21-96	1320
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	2-21	1:15	ZAB	2-21-96	1325
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	Jmj	2-21-96	1:15	ZOB	2-21-96	1325			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.85'	✓	"	"	✓	✓	✓			
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓			
HEIGHT 11.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	Jmj	2-21-96	11:20	ZOB	2-21-96	1330			
G. SAFETY (LIST)	Jmj	2-21-96	1:20	ZOB	2-21-96	1330			
1. Ladder	✓	"	"	✓	✓	✓			
2. Scaffolds	✓	"	"	✓	✓	✓			
3. Safety Glasses	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-21-96	1:20	ZOB	2-21-96	1330			
Exp. Material	✓	"	"	✓	✓	✓			
FL-400 Anchors	✓	"	"	✓	✓	✓			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	1:35	2					
Bucket	1	1.0 c.y.	"	"					
Vibrator	1	18' shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 3.75" + 4.0"; AIR ENTR. = 6.0% + 5.2%; CONCRETE TEMPS = 75° + 73°; AIR TEMPS = 79° + 79°; 3 Test Cylinders (LA-142)								
FINAL CLEARANCE									
CONTRACTOR REPRS: Jerry M. Justice					C.O.E. REPRS: Zoubi P. P. P.				
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.									

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

DATE: 2/21/96

REPORT NO.: 363

SKIES: Fog - Pt. Cloudy RAIN: 0" IN. TEMP.: 58 MIN 79 MAX

DUST: Minimal LEVEE CONDITION: Damp CANAL GAUGE: (1.5) NOISE: Moderate

2-20-96 NO WORK (Mardi Gras Holiday) WORK PERFORMED/LOCATION

2-21-96 B+K Construction - wrecked forms at West Mono. #23, then patched tie-bolt holes and covered this monolith with wet burlene blanket. Set forms and top steel at West Mono. #20; then placed concrete at West Mono. #20. Cleared and grubbed on the Canal side of the existing floodwall between West B Sta. 85+80 and Sta. 89+00. Installed 3 bond cables at West Mono. Jts. #28-29, #29-30, and #30-31. Formed and poured concrete stabilization slab from West B Sta. 77+65 to Sta. 78+50. Finished silt fence repair on the West Bank between Station 70+40 and 84+60. Continued repair of I-wall forms on the West Bank. Cement finishers continued repair of concrete surfaces at West Monoliths #2 (now completed), #3, #6, and #7 (Land Side Only). Also worked on repairs at East Monoliths #89 through #74 on the Canal Side.

Gill's Crane Service - Stacking up pulled MP-115 sheet piles to be loaded on trucks tomorrow and hauled off for salvage (between East B Stations 82+00 and 73+00).

CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY				
NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
10	Unskilled	95	B+K Const.	Wrecking + setting up I-wall forms;
12	Skilled	120	"	Placing I-wall concrete; Forming
1	Supt.	10	"	and pouring concrete stab. slab;
1	Q.C. Rep.	10.5	"	Concrete curing + finishing work;
				Clearing + grubbing on the West Bank;
				Cathodic Protection work; Repairing
				silt fence; Repairing I-wall forms.
				(SEE ABOVE)
1	Skilled	5	Gill's Crane	Stacking MP-115 sheet piles
2	Unskilled	14	"	for loading on trucks.

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	6	2	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	6	2	—
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	—	No	0	8	yes
Mantis 3612 Crane	—	yes	3	5	—
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 Excavator	—	yes	4	4	—

MATERIALS RECEIVED

Received 17 c.y. of concrete for West Mono. #20, and 5 c.y. of concrete for Stabilization slab between West B Sta. 77+65 and 78+50. All material was Lafarge Concrete Company's Mix Design #44-C.

TESTS PERFORMED

(As required by plans/specifications)

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

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the silt fence along the West Bank between Sta. 70+40 and 84+60. All the damaged fencing was repaired, and new erosion control geotextile material was installed as needed. Excess soil was pulled away from the silt fence, and the geotextile material was secured with tie-wire to keep it firmly in place. Some minor work is still left to be done on the East Bank between Mirabeau and Filmore Avenue.

Checked I-wall forms and Re-steel today. The condition of the forms was fair; the second set of forms was not used today, as it was being repaired. Form alignment, plumbness, and elevation were checked and determined to be correct within 0.02'. Reinforcing steel clearances were adequate between 2 1/2" and 3 1/2" at all points. Stainless steel anchor bolts for permanent feeder line relocation were properly installed. Water-stops, expansion material, and 3/4" chamfer strips were also incorporated in this wall, with no deficiencies noted.

JOB SAFETY

Received two new safety cans for gasoline storage, and two replacement funnels for filling small engines safely.

Purchased replacement fire extinguishers for missing or discharged extinguishers on equipment today.

REMARKS

Work was delayed in starting this morning because the Sewerage and Water Board could not release the electric feeder lines for construction work. This delay could be blamed for some of the loss in production today.

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

2-22-96

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

288

TO Area Engineer,
CELMN-CD-NO

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

DATE Sat., Sun. & Mon.
17, 18 & 19 February 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 & Cool to
Cloudy with Rain

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100/100/50%	100/100/50%	100/100/50%	100/100/50%	100/100/50%

TEMPERATURE

MINIMUM	MAXIMUM
30°	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	
0.40"	0730	M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME	
			1-6½ hrs	1-6½ hrs		1.00'	0800	M
						to 0.80'		

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
2-14 hrs	14-171 hrs	9-98 hrs	25-283	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. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; EROSION CONTROL
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- 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) Wrecked forms; Set forms & placed concrete for one mono; Removed existing concrete caps; Curing; Repairing silt fences; Cut off existing MP-115 & MP-112 sheet piles; Rubbed I-Wall surfaces; Repairing I-Wall forms.
- b) Removed existing MP-115 sheet piles from East Levee.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.
50% of day lost due to adverse weather/wet ground on 19 Feb 96.

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

Progressive work was scheduled & performed on Sat. & Mon., 17 & 19 Feb 96. However, rain hampered contractor's operations on Mon., 19 Feb 96. No work was scheduled or performed on Sun., 18 Feb 96.

PERCENT PROJECT COMPLETE: 60.2%

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT TIME ELAPSED: 84.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 19 Feb 96:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

EROSION CONTROL: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Mon., 19 Feb 96:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Monos #03 & #21 after forms were removed and noted no major surface defects. Noted finishers packing tie-rod holes in W. Monos #03 & #21 this date. Observed finishers rubbing P/S surfaces of W. Monos #02, #07 & #07, and E. Monos #78 thru #82 with grout to removing air bubble holes and minor defects. Performed a Pre-Placement Inspection on W. Mono #23 prior to concrete placement this date (see attached LMN Form 1246). Witnessed sampling and testing of concrete used this date by B&K (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for W. Mono #23 this date. Noted concrete was not allowed to drop more than 5', was placed in less than 18" ,and was well vibrated (spare vibrator on hand). Noted that #6 rebars were welded to the tops of all sheet piles for cathodic protection for W. Monos #21 thru #26. Noted that W. Monos #2, #3, #4, #5, #16, #18, #19 & #21 were covered with wet burlene blankets for curing.

EROSION CONTROL: Checked and found that approx. 90% of all repairs have been made to silt fences, between WB/L Sta's 70+40 & 84+55 and EB/L Sta's 70+20 & 99+70. Noted that B&K is continuing to repair silt fences this date.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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>
Z. BRYANT	Const. Insp., GS-07	6 hrs.(Mon)	QAR

NOTE: No QAR on site on Sat., 17 Feb 96.

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

Noted flagmen being used to direct traffic while concrete trucks were entering & exiting the jobsite area. Flagmen were wearing orange vest & using 18" orange flags to direct traffic.

No safety infractions were noted this date (Mon., 19 Feb 96).

INSPECTOR'S SIGNATURE  LANE D. BRYANT, JR.	DATE 21 FEB 96	SUPERVISOR'S INITIALS 	DATE 2/23/96
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2/27/96

W

QUALITY ASSURANCE REPORT SUPPLEMENT

CONTRACT NO.: DACW29-94-C-0079

QAR# 288

DATE 17, 18 & 19 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:
(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

SELECTIVE DEMOLITION: Noted that B&K had removed the existing concrete caps from between WB/L Sta's 77+80 & 80+80, for the existing sheet piles. Not all caps were removed for the jobsite on Sat., 17 Feb 96. Noted that B&K also cut off existing MP-115 sheet piles at elev. +6.75' between WB/L Sta's 80+80 & 81+40. Observed B&K breaking the existing concrete caps into 20' sections between WB/L Sta's 83+00 & 84+50. These caps will be removed at a later date. Noted that Gill has completed the removal of the existing MP-115 sheet piles from the ground between EB/L Sta's 78+30 & 80+80, and were beginning to haul these sheet piles off of the jobsite for salvage. Observed B&K cutting off the existing MP-112 sheet piles at elev. +3.50' between EB/L Sta's 98+30 & 99+00.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

F I 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# 23

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-19-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-19-96	1:25	ZOB	2-19-96	1330
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	2-19-96	1:25	ZOB	2-19-96	1330
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-19-96	1:30	ZOB	2-19-96	1335
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-19-96	1:35	ZOB	2-19-96	1340
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	Jmj	2-19-96	1:35	ZAB	2-19-96	1340			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.87'	✓	"	"	✓	✓	✓			
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓			
HEIGHT 11.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	Jmj	2-19-96	1:40	ZAB	2-19-96	1345			
G. SAFETY (LIST)	Jmj	2-19-96	1:40	ZAB	2-19-96	1345			
1. Ladder	✓	"	"	✓	✓	✓			
2. Scaffold	✓	"	"	✓	✓	✓			
3. Eye Protection	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-19-96	1:45	ZAB	2-19-96	1345			
EXP. MATERIAL	-N/A	"	"	✓	✓	✓			
FL-400 Anchors	✓	"	"	✓	✓	✓			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	1415	2					
Concrete Bucket	1	1.0 cu	"	"					
Concrete Vibrator	1	18' shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 5" & 4" ; AIR ENTR. = 5.2% & 5.0% ; CONCRETE TEMPS = 68° & 65° ; AIR TEMPS = 70° & 70° ; 3 Test Cylinders (LA-141)								
FINAL CLEARANCE									
CONTRACTOR REPRS: Jerry M. Justice					C.O.E. REPRS: [Signature]				
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.									

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

DATE: 2/19/96

REPORT NO.: 362

SKIES: Cloudy-Rain

RAIN: 0.40 IN. TEMP.: 58 MIN 74 MAX

DUST: NONE

LEVEE CONDITION: Wet CANAL GAUGE: (0.8) NOISE: Moderate

2-18-96 Sunday-

NO WORK PERFORMED.

WORK PERFORMED/LOCATION

① 2-19-96 Monday 50% Lost Production due to wet soil + heavy rain. BTK Construction - Wrecked forms at West Monolith #3, then patched tie-bolt holes at West Mono's #3 and #21. Covered these walls with wet burlap blankets for curing. Set forms and top reinforcing steel at West Mono. #23. Placed concrete at West Mono. #23 today. Cleaned mud off of Thirabeau Avenue after trucks left the job. Repaired silt fence on the East Bank between Pumping Station #4 and Filmore Avenue. Cut off MP-112 sheet piles one foot below fin. grade from East B Sta. 99+00 to Sta. 98+30. Cement finishers continued repair work on East Monoliths # 83 through #74 (Land Side) and on West Mono's #2, #6, and #7 (Land Side). Carpenters worked on repair of the second I-wall form. Broke concrete cap into 20' long sections from West B Sta. 83+00 to Sta. 84+50 (to be removed later).

② Gill's Crane Service - Loading up MP-115 sheet piles on haul trucks to remove them for salvage. Rain stopped all work at approx. 1:00 P.M.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	65	B+K Const.	Wrecking + setting up I-wall
12	Skilled	95	"	forms; Placing concrete for I-wall
1	Supt.	8	"	Finishing + curing I-wall concrete;
1	Q.C. Rep.	6	"	Repairing silt fence; Cutting off existing sheets below fin. grade. (See Above)
1	Unskilled	5	Gill's Crane	Removing MP-115 sheet piles
2	Skilled	10	"	for salvage.

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

Received 17 cubic yards of concrete (Mix Design #44-C) from Lafarge Concrete Company and placed this material in West Moors #23. Delivery tickets were furnished to the Government Inspector.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction personnel tested and inspected concrete material delivered by Lafarge Concrete Company today. Three test cylinders were made for compressive strength tests, as always. Find results documented on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the silt fence along the East Bank between stations 85+50 and 99+70 today after repair work was done. Erosion control geotextile material was replaced and/or repaired as needed. Two locations near Station 90+00 need attention; although the silt fence is intact, the soil in near the top of the fence and needs to be excavated. This will be done on Wednesday after Mardi Gras.

Inspected repair work done on I-wall forms today. Bondo filler was used to patch defective areas. These areas need to be sanded down before using forms again. The fractured fin rubber still needs repair, and this will be done starting on Wednesday.

JOB SAFETY

Checked public streets after B+K construction employees cleaned mud off. No significant amount of mud or debris remained. No hazard to the vehicular traffic was present. Flagmen were provided to stop or direct traffic while streets were being cleaned.

REMARKS

* #6 Rebar was welded on top of C2-101 Sheet Piles at West Monoliths #20, #22, #23, #24, #25, and #26 on Saturday (2-17-96). This information was accidentally omitted from Quality Control Daily Report #361.

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

2-21-96
Date

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

DATE: 2-19-96

Pour Location West I-Wall Monolith #23,

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.
309942	2:12	3:05	4.25°	5 Gal	5.0 ^x	68° 70°	5.7	3	2:30	9
309952	3:10	4:04	2.75°	10 Gal	4.0 ^x	65° 70°	5.0	-	3:15	8

Test Cylinder set #LA-141

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

TECHNICIAN:
Steve Thome

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

DATE: 2/17/96 Saturday

REPORT NO.: 361

SKIES: Clear

RAIN: 0

IN. TEMP.: 30 MIN 65 MAX

DUST: Minimal

LEVEE CONDITION: Dry

CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Cut off existing MP-115 sheet piles from West B sta. 80+60 to sta. 81+40 at elev. +6.75 for Temporary Flood Protection. Demolished existing floodwall from West B sta. 77+80 to sta. 80+80. Removed the majority of these 20' concrete cap sections from the job by haul truck to landfill. Wrecked forms at West Mon. #21 and began repairing the form surfaces. Worked on repair of silt fence - safety fence along the West Bank (Thirabeau → Filmore Avenues).

Gill's Crane Service - Pulled up existing MP-115 sheet piles for salvaging between East B sta. 78+30 and sta. 80+80 (None removed from the jobsite today)

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY
 COMPANY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	20	B+K Const.	Temp. Flood Protection work;
5	Skilled	50	"	Selective Demolition work;
-	Supt.	-	"	Wrecking T-Wall forms and repairing
-	Q.C. Rep.	-	"	forms; Repairing silt fence.
				Removing concrete cap sections
				from the job (See Above)
2	Skilled	16	Gill's Crane	Pulling up existing MP-115
1	Unskilled	8	"	sheet piles for salvage
				(See Above)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	8	0	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	2	6	—
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	—	Yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	Yes
Mantis 3612 Crane	—	No	0	8	—
Koehring 405 Crane	—	Yes	6	2	—
J.S.W. Excavator	—	No	0	8	Yes
Welding Machine	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	Yes	4	4	—

MATERIALS RECEIVED

None Today

TESTS PERFORMED

(As required by plans/specifications)

NONE TODAY

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the forms being repaired on West Bank. Some bond or epoxy work is still needed to make these forms acceptable. Checked Temporary Cofferdam grades, and found the existing MP 115 sheet piles to be cut off at elev. +6.75 to +7.00. Temp. Flood Protection was continuous from Mirabeau Avenue to Filmore Avenue. Checked silt fence - safety fence along the East + West Banks. Still some work needed on both sides of the canal between Mirabeau and Filmore Avenues, and some work is needed from Filmore to Pump Sta. #4 on the East Bank. This work will be done on Monday, weather permitting.

JOB SAFETY

Checked Rigging used to lift concrete cap sections and I-wall forms today. Slings and nylon straps were in good condition. Rigging methods were correct, and tag lines were used to control the suspended loads. Flagmen were provided as needed to direct the operator and stop traffic.

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

2-19-96
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
287

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

DATE Friday
16 February 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, Windy & Cool

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM	MAXIMUM
40°	55°

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
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
			1-10 hrs	1-10 hrs	

Canal RIVER STAGE	
FEET	TIME
1.40'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-25 hrs	18-149 hrs	16-142 hrs	37-316	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. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; COFFERDAMS
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

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) Wrecked forms; Set forms & placed concrete for W. Monos; Rubbed I-Wall surfaces; Curing; Cut off existing concrete caps; Cut holes in sheet piles for resteel; Installed 1-cathodic jumper; Drove temporary cofferdam piles; Broke concrete caps into 20' sections.
- b) Removed existing MP-115 sheet piles.
- c) Set bottom resteel for 4 Monos & pre-tied 4 wall stem resteel mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work was scheduled and performed by B&K, Gill and Arcadia this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 28 MAY 96 PERCENT PROJECT COMPLETE: 59.9%
PERCENT TIME ELAPSED: 84.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 287

DATE Fri. - 16 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:
(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

TEMPORARY FLOOD PROTECTION & COFFERDAMS: Observed B&K driving temporary cofferdam sheet piles to an approx. top elev. of +8.00', approx. 8' F/S of the existing sheet piles between EB/L Sta's 88+00 and 88+40. Observed B&K cutting off the existing MP-115 sheet piles at approx. elev. +6.75' between WB/L Sta's 78+80 & 80+60 for the future removal of the existing concrete caps.


SELECTIVE DEMOLITION: Observed B&K cutting off the existing MP-115 sheet piles between WB/L Sta's 78+80 and 80+60 for the future removal of the existing concrete caps. Observed B&K breaking the existing concrete caps into approx. 20' sections between WB/L Sta's 80+00 & 83+00 for the future removal of these caps. Observed Gill removing the existing MP-115 sheet piles from the F/S of the new floodwall between EB/L Sta's 76+25 & 78+30.

RESTEEL INSTALLATION: Observed Arcadia installing all required bottom resteel for W. Monos #22 thru #25, and pre-tying 4 sets of wall stem resteel mats. All resteel was set, spaced and tied in accordance with approved shop drawings and resteel schedule.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:
NONE

REMARKS:
NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FC CHECK OUT FOR

STRUCTURE
 REINFORCED CONCRETE FLOODWALL

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

CONTRACT NO. DACW29-94-C-0079

MONOLITH West # 3

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-16-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-16-96	11:20	ZJB	2-16-96	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	2-16	11:20	ZJB	2-16-96	12:10
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-16	11:25	ZJB	2-16-96	12:15
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-16	11:30	ZJB	2-16-96	12:20
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-16-96	11:30	ZOB	2-16-96	1220		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.85'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	2-16	11:35	ZOB	2-16-96	1225		
G. SAFETY (LIST)	Jmj	2-16	11:35	ZOB	2-16-96	1225		
1. Ladder & Scaffold	✓	"	"	✓	✓	✓		
2. Eye Protection	✓	"	"	✓	✓	✓		
3. Rigging Check	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-16	11:40	ZOB	2-16-96	1230		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1230	1.5				
Concrete Bucket	1	1.0 c.y.	"	"				
Concrete Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 4.9% ; CONCRETE TEMPS = 55° ;							
	AIR TEMPS = 53° ; 3 Test Cylinders (LA-140)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: [Signature]			
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

STRUCTURE
 REINFORCED 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
West # 21

LIFT NO.
ONE

ELEVATION
from 3.00 to 1440

DATE OF POUR
2-16-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	2-16-96	3:05	ZAB	2-16-96	1515
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	2-16	3:05	ZAB	2-16-96	1515
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	2-16	3:10	ZAB	2-16-96	1520
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	2-16	3:15	ZAB	2-16-96	1525
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.					
	NAME	DATE	TIME	NAME	DATE	TIME			
E. FORMWORK (CONT)									
ALIGNMENT	Jmj	2-16-96	3:15	ZAB	2-16-96	1525			
CLEANLINESS	✓	"	"	✓	✓	✓			
RELEASING AGENT	✓	"	"	✓	✓	✓			
TIES AND BOLTS	✓	"	"	✓	✓	✓			
LENGTH 28.98'	✓	"	"	✓	✓	✓			
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓			
HEIGHT 11.40'	✓	"	"	✓	✓	✓			
WATERSTOPS	✓	"	"	✓	✓	✓			
CHAMFER STRIPS	✓	"	"	✓	✓	✓			
F. WEATHER PROTECTION	Jmj	2-16	3:20	ZAB	2-16-96	1530			
G. SAFETY (LIST)	Jmj	2-16	3:20	ZAB	2-16-96	1530			
1. Eye Protection	✓	"	"	✓	✓	✓			
2. Ladder	✓	"	"	✓	✓	✓			
3. Scaffold	✓	"	"	✓	✓	✓			
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-16	3:20	ZAB	2-16-96	1530			
Expansion Material	N/A	"	"	✓	✓	✓			
FL-400 Anchors	✓	"	"	✓	✓	✓			
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS	
Komatsu 200	1	Excavator	3:30	1.5					
Concrete bucket	1	1.0 c.y.	"	"					
Concrete Vibrator	1	18' shaft	"	"					
Generator	1	Gasoline	"	"					
J. REMARKS	SLUMP = 3" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 58° ;								
	AIR TEMPS = 48° ; 3 Test Cylinders (LA-140)								
	FINAL CLEARANCE								
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS: Zouli...				
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.									

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

DATE: 2/16/96

REPORT NO.: 360

SKIES: Clear + Windy

RAIN: 0 IN. TEMP.: 40 MIN 55 MAX

DUST: Some

LEVEE CONDITION: Dry

CANAL GAUGE: (1.4) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - Wrecked forms at West Monoliths #4 and #18, then patched tie-bolt holes and covered these walls with wet burlene blankets. Set forms and top re-steel at West Monoliths #3 and #21. Placed concrete at West Monoliths #3 and #21 today. Welded #6 bar on top of C2-101 sheet piles at West Monolith #21, and installed one bond cable at West Monolith Joint #27-28. Cut holes for rebar at West Monoliths #22, #23, #24, and #25. Cut off existing MP-115 sheet piles from West B Sta. 78+80 to Sta. 80+60 at elev. +6.75 for Temp. Flood Protection. Broke concrete cap into 20' long sections from West B Sta. 80+00 to 83+00. Unloaded all remaining reinforcing steel for the East Bank reach between Filmore Ave. and Pump Sta. #4. Drove temporary Flood Protection Cofferdam sheet piles from East B Sta. 88+40 to Sta. 88+00. Cement finishers continued repair of concrete at West Monoliths #2, #6, and #7 (Land Side) and at East Monoliths #85 through #74, Land Side. (East Monolith #85 and #84 now completed on one side).
- ② Arcadia Rebar - Tied bottom re-steel at West Monoliths #20, #21, #23, and #25, and pre-tied 4 top re-steel mats for future use.
- ③ Gill's Crane Service pulled existing MP-115 sheet piles for salvage from East B Sta. 76+25 to Sta. 78+30, and hauled off some today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	135	B+K Const.	Wrecking + setting I-Wall forms;
12	Skilled	115	"	Placing F-Wall concrete; Cathodic
2	Supt.	16	"	Protection work; Cutting holes for
1	Q.C. Rep.	9	"	rebar; Cutting off existing MP-115
				sheet piles; Temp. Flood Protection;
				Selective demolition; Cement Finishing
4	Skilled	20	Arcadia Rebar	and Concrete Curing (SEE ABOVE)
				↳ Tying Reinforcing steel for
				I-Wall. (See Above)
2	Skilled	14	Gill's Crane	pulling up existing MP-115
1	Unskilled	7	"	sheet piles for salvage.
				(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

Received 34 cubic yards of concrete (Mix Design #44-C) from Lafarge Concrete Company today. Placed 17 c.y. of this material in West Mono. #3 and 17 c.y. in West Mono. #21.

Received all remaining reinforcing steel for the East Bank Reach between East P Sta. 85+54 and Sta. 99+69, including steel for short or "makeup" monolith.

TESTS PERFORMED

(As required by plans/specifications)

B&K Construction personnel tested and inspected concrete delivered by Lafarge Concrete Company today. Results are documented on the attached Concrete Field Data Summary sheet. Three test cylinders were molded, to be delivered by B&K Construction to the Government Lab.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the forms, Reinforcing steel, and embedded items at West Mon. #3 and #21 prior to concrete placement. Minor adjustments were needed to reinforcing steel to provide adequate clearances on West Mon. #21. Form condition on West Mon. #21 was fair, but repairs are needed. The carpenter foreman insured me that form repairs would be done before using this form again. Stainless steel anchor bolts for permanent feeder line relocation were installed on the Flood Side form. Watertop, expansion material, and chamfer strips were also installed correctly. Form alignment, plumbness, and elevations were checked and found to be correct.

Checked Temporary Flood Protection elevations. Temp. Cofferdam on the East Bank was at an approx. cut off elevation of +8.00. Temp. Flood Protection on the East Side (existing MP-115 sheet piles) was at elev. +6.75.

JOB SAFETY

Replaced power cord on the rotary hammer drill today, and put this power tool back in service. The 3/8" variable speed drill was not repaired, and it will remain out of service until it is.

Checked the ladders at West Mon. #3 and #21. Ladders were in good condition, and were tied off 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 as noted.

Jersey Justice
Authorized Q C Representative

2-19-96
Date

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

DATE: 2-16-96

Pour Location West I-Wall Monolith #3 and #21.

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.
309537	12:35	1:15	2.0°	10 Gal	3.0°	55° 53°	-	-	12:40	9
309559	1:22	2:06	3.25°	5 Gal	4.0 ^x	55° 53°	4.9	3	1:30	8
309617	3:33	4:20	1.5°	15 gal	3.0 ^x	58° 48°	5.3	-	3:45	9
309637	4:35	5:10	1.5°	15 gal	3.5°	56° 48°	-	-	4:45	8

Test Cylinder Set #LA-140

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

286

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

DATE Thursday
15 February 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 & Warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

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

MINIMUM	MAXIMUM
60°	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
0.00"	0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME
			1-10½ hrs	1-10½ hrs		1.00'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-28½ hrs	14-139 hrs	16-152 hrs	33-319½	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. - CONCRETE FLOODWALL; TEMP. FLOOD PROTECTION; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- 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) Wrecked forms; Set forms & placed concrete for I-Wall Monos; Set forms & placed concrete for slab slabs; Cut off existing MP-112 sheet piles; Rubbing I-Wall surfaces; Drove temporary cofferdam sheet piles; Repairing safety/silt fences.
- b) Removed existing MP-115 sheet piles.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work performed by B&K and Gill only this date. See attached CQC Report.

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT PROJECT COMPLETE: 59.6%

PERCENT TIME ELAPSED: 84.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

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

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Monos #05 & #19 after forms were removed and noted no major surface defects, with the exception of a few air bubble holes. Performed Pre-Placement Inspections on W. Monos #04 & #18 prior to placement of concrete (see attached LMN Form 1246's). Witnessed sampling and testing of concrete used this date by B&K (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for W. Monos #04 & #18. Noted that concrete was not allowed to drop more than 5' by use of trimmie chutes, was not placed in lifts in excess of 18", and was well vibrated. Observed finisher packing tie-rod holes in W. Monos #05 & #19, and other finishers rubbing surfaces of W. Monos #02, #7, #9 & #10 and E. Monos #74 thru #86. Observed placement of concrete for stab slabs between WB/L Sta's 76+25 & 77+65 (this area was previously inspected for grade & elev.).

TEMPORARY FLOOD PROTECION: Observed B&K driving temporary cofferdam sheet piles between EB/L Sta's 88+40 & 90+30, to an approx. top elev. of +8.00'. These piles were driven approx. 8' on F/S of the existing AZ-18 sheet piles for flood protection.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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.

NOTE: Observed B&K repairing safety/silt fences between EB/L Sta's 70+20 & 84+30 this date.

NOTE: Contractor informed QAR this date, that they do intend to work on Mon., 19 Feb 96 weather permitting. Also that they do not intend to work on Mardi Gras Day, Tue., 20 Feb 96.

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>
Z. BRYANT	Const. Insp., GS-07	9½ hrs.	QAR

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

Checked and found all working equipment (ie; Cranes, backhoes, dozers, etc.) to have fully charged fire extinguishers.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 16 FEB 96	SUPERVISOR'S INITIALS 	DATE 2/22/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 286

DATE Thu. - 15 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-112 sheet piles at approx. elev. +3.50' between EB/L Sta's 99+00 & 99+70. This is approx. 1' below proposed back-fill elevation. Observed Gill removing the existing MP-115 sheet piles from the F/S of the new floodwall between EB/L Sta's 75+50 & 76+25. These piles were stacked on the F/S of the new floodwall and will be removed at a later date.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

ENVIRONMENTAL PROTECTION: Observed B&K making repairs to safety/silt fences between EB/L Sta's 70+20 and 84+30. Noted all oil drums were placed inside of a retainment dike as required.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

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 # 18 **LIFT NO.** one **ELEVATION** from 3.00 to 14.40 **DATE OF POUR** 2-15-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-15-96	2:20	ZJB	2-15-96	1430
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	2-15	2:20	ZJB	2-15-96	1430
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-15	2:25	ZJB	2-15-96	1435
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-15	2:30	ZJB	2-15-96	1440
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmJ	2-15-96	2:30	ZAB	2-15-96	1440		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.86'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JmJ	2-15-96	2:35	ZAB	2-15-96	1445		
G. SAFETY (LIST)	JmJ	2-15-96	2:35	ZAB	2-15-96	1445		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging Check	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	2-15-96	2:40	ZAB	2-15-96	1450		
Expansion Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:15	1.75				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.5% ; CONCRETE TEMPS = 70° ;							
	AIR TEMPS = 73° ; 3 Test Cylinders (LA-139)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: [Signature]				
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

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 # 4

LIFT NO. one

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-15-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	2-15-96	12:00	ZJB	2-15-96	1200
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	2-15	12:00	ZJB	2-15-96	1200
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	2-15	12:05	ZJB	2-15-96	1205
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	2-15	12:10	ZJB	2-15-96	1210
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	2-15-96	12:10	<i>ZOB</i>	2-15-96	12:10		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.85'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jmj</i>	2-15	12:15	<i>ZOB</i>	2-15-96	12:15		
G. SAFETY (LIST)	<i>Jmj</i>	2-15	12:15	<i>ZOB</i>	2-15-96	12:15		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffold + Handrails	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	2-15	12:20	<i>ZOB</i>	2-15-96	12:20		
Expansion Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:05	1.75				
Concrete Bucket	1	1.0 cu. yd.	"	"				
Concrete Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 72° ; AIR TEMPS = 75° ; 3 Test Cylinders (LA-139)							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry M Justice</i>				C.O.E. REPRS: <i>Zane L. Bryant</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.								

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

DATE: 2/15/96

REPORT NO.: 359

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 60° MIN 80° MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - wrecked forms at West Monoliths #5 and #19. Patched tie-bolt holes and then covered these walls with wet burlene blankets today. Set forms and top re-steel mats at West Mono's #4 and #18. Placed concrete at West Mono's #4 and #18, and at stabilization slab from West B Sta. 76+25 to Sta. 77+65. Worked on repair of silt fence and safety fence along the East Bank (Mirabeau to Filmore Ave.). Cement finisher's completed repairs on West Mono's #9 and #10; continued work on West Mono's #7 and #2 (Land side work only). Also completed repairs on East Mono. #86 and 1/2 of #85; worked on East Mono's #84 through #74, completing all except fractured fin area (all this work is Land Side only). Drove Temporary Flood Protection sheet piles from East B Sta. 90+30 to Sta. 88+40. Cut off existing MP-112 sheet piles one foot below fin. grade from East B Sta. 99+70 to Sta. 99+00 (scraps not hauled off yet).

Gill's Crane Service - Pulled existing MP-115 sheet piles for salvage from East B Sta. 75+50 to Sta. 76+25. Hauled off some of these; some remain on site.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+K Const.	Wrecking, cleaning, oiling, + setting up I-wall forms; pouring concrete for I-wall and stab. Slab; curing and finishing I-wall concrete; cutting off existing sheet piles; layout of work. (See Above)
12	Skilled	125	"	
2	Supt.	20	"	
1	Q.C. Rep.	8.5	"	
2	Skilled	14	Gill's Crane	Pulling existing MP-115 sheet piles for salvage. (See Above)
1	Unskilled	7	"	

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

Received 43 cubic yards of concrete (Mix Design #44-C) from Lafarge Concrete Company today, and placed this material as follows: 17 c.y. in West Monso. #4; 17 c.y. in West Monso #18; and 9 c.y. in West Bank stabilization slab (see Page #1 for location).

TESTS PERFORMED

(As required by plans/specifications)

B+K Const. Co. tested and inspected concrete delivered by Lafarge Conc. Co. today. Results of these tests are found on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded (as always when T-wall concrete is placed), and will be delivered to the Government Lab by B+K Construction.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the Temporary Flood Protection work being done at East B₂ Station 90 + 30 through 88 + 40. Steel sheet piles were driven approximately 6' to 8' on the Canal side of the existing A2-18 sheet pile wall. Sheets were all interlocked, and cut off elevation was approx. elev. +8.00. Ground elev. at point of sheet pile penetration was \pm elev 3.00. Sheet piles used were 13'-6" to 18' long. Some longer sheet piles could not be driven down to elev. +8.00 due to excessive Rip-Rap and other debris in this area. Sheet pile wall will be closed off at the south end later, before existing closure at Sta. 9 + 30 is removed.

checked grades on top of new I-Wall being poured today and on stabilization slab. Top of I-Walls (West Mous. #4 + #18) were set at elev. +14.42 on the land side and +14.40 on the Canal side, plus or minus 0.02. Top of stabilization slab was set at elev. +2.95, with 0.05' allowed for shimming up I-wall forms.

JOB SAFETY

Inspected power cords on tools used by carpenter crew at the West Bank work area. Two power cords were found to be faulty; the insulation was cut or frayed. I instructed the carpenter foreman to remove these tools from service until cords have been replaced or repaired.

REMARKS

We plan to work on Thursday Feb. 19th (weather permitting) at full production, but no work is scheduled at all for Tuesday Feb. 20th due to the Mardi Gras Holiday. Regular work schedule will resume on Wednesday, Feb. 21st.

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

2-16-96
Date

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

DATE: 2-15-96

Pour Location West I-Wall Monolith #4 and #18; West Bank Stabilization Slab, Sta. 76+25 to 77+65

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.	
309252	1:03	1:39	1.5°	15 gal	3.0 ^x	72°	75°	5.0	3	1:15	9
309277	1:48	2:45	2.25°	10 gal	3.5°	72°	75°	-	-	2:00	8
309303	3:15	3:55	2.0°	20 gal	4.0 ^x	70°	73°	5.5	-	3:30	9
309321	4:16	5:00	1.5°	20 gal	4.0°	72°	73°	-	-	4:20	8
309317	4:02	4:50	2.5°	20 gal	4.5°	70°	73°	-	-	4:05	9

Test Cylinder Set #LA-139

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
285

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

DATE Tuesday & Wednesday
13 & 14 February 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 to Partly Cloudy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100/100 %	BORROW EXCAVATION 100/100 %	EMBANKMENT 100/100 %	CONCRETE 100/100 %	STRUCTURE 100/100 %
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TEMPERATURE	
MINIMUM 38°	MAXIMUM 79°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1-6 hrs	OFFICE	LAYOUT	INSPECTION 1-7 hrs	TOTAL 2-13 hrs	LABOR
------------------------	--------	--------	-----------------------	-------------------	-------

FEET 0.80' to 0.70'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-53 hrs	SKILLED 13-245 hrs	LABORERS 15-265 hrs	TOTAL 31-563
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NUMBER OF SHIFTS 1 2 3

FROM 0700 M	TO 1830 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. - CONCRETE FLOODWALL; COFFERDAMS;
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- 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) Wrecked forms; Set forms for 3 I-Wall Monos; Installed cathodic jumpers; Rubbed I-Wall surfaces; Formed & graded for stab slabs; Repaired silt/safety fences; Moved cofferdam sheet piles; Curing; Placed concrete for 3 I-Wall Monos & stab slabs.
- b) Removed existing MP-115 sheet piles.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work was performed on 13 & 14 Feb 96 by B&K and Gill only. See attached CQC Reports.

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT PROJECT COMPLETE: 59.3%
PERCENT TIME ELAPSED: 84.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

See attached PE's QA Supplemental Report for CQC Inspection Phases attended by PE, C. Wagner on Tue., 13 Feb 96.

QAR attended the following CQC Inspection Phases on Wed., 14 Feb 96:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- COFFERDAMS: No instructions issued.

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

See attached PE's QA Supplemental Report for details of QA Inspections performed by PE, C. Wagner on Tue., 13 Feb 96.

The following Follow-Up QA Inspections were performed on Wed., 14 Feb 96 by QAR, Z. Bryant:
REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Mono #02 after forms were removed and note no major surface defects. Performed Pre-Placement Inspections on W. Monos #05 & #19 prior to placement of concrete (see attached LMN Form 1246's). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for W. Monos #05 & #18. Noted concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Checked and found area formed and graded for slab slabs between WB/L Sta's 76+25 & 77+50, and found area inside of forms graded to accept +4.0" of concrete, and tops of forms were set at elev. +3.00'. Observers packing tie-rod holes in W. Mono #02 with dry-pack mortar, and rubbing surfaces of W. Monos #08 thru #11 and E. Monos #84 thru #86. Checked and found 2 cathodic protection jumpers approx. 8" below dirt grade for W. Monos #25/#26 & #26/#27, and both jumpers were properly cadwelded and coated with epoxy resin.
 (CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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
C. WAGNER	Civ. Engr., GS-11	6 hrs. (Tue)	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs (Wed)	QAR

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

Checked and found the anti-two block device working properly on the Koehring 405 Crane on Wed., 14 Feb 96.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE <i>Z. Bryant</i> LANE D. BRYANT, JR.	DATE 16 FEB 96	SUPERVISOR'S INITIALS <i>YCW</i>	DATE 2/22/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 285

DATE 13 & 14 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:
(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

TEMPORARY FLOOD PROTECTION (COFFERDAMS): Observed B&K moving sheet piles and equipment to the area between EB/L Sta's 85+60 and 90+00 in preparation for driving of cofferdam sheet piles in this area.

SELECTIVE DEMOLITION: Noted Gill removed existing MP-115 sheet piles from the F/S of the new floodwall between EB/L Sta's 73+50 & 74+65 on Tue., 13 Feb 96. Observed Gill removing existing MP-115 sheet piles from the F/S of the new floodwall between EB/L Sta's 74+65 & 75+50. Checked and found no damage to new floodwalls in the above mentioned areas.

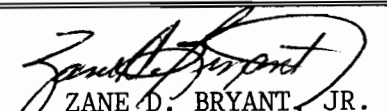
QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

FC CHECK OUT FOR

STRUCTURAL
 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 # 5

LIFT NO.

ONE

ELEVATION

from 3.00 to 14.40

DATE OF POUR

2-14-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	2-14-96	12:05	ZOB	2-14-96	1220
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	2-14-96	12:05	ZOB	2-14-96	1220
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	2-14-96	12:10	ZOB	2-14-96	1225
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	2-14-96	12:15	ZOB	2-14-96	1225
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-14-96	12:15	ZJB	2-14-96	1225		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.86'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	2-14-96	12:20	ZJB	2-14-96	1230		
G. SAFETY (LIST)	Jmj	2-14-96	12:20	ZJB	2-14-96	1230		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Eye Protection	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-14-96	12:20	ZJB	2-14-96	1230		
Expansion Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1230	2				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 6.0% ; CONCRETE TEMPS = 68° ; AIR TEMPS = 78° ; 3 Test Cylinders (LA-138)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice					C.O.E. REPRS: [Signature]			
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

STRUCTURAL 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 # 19

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-14-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-14-96	2:50	ZJB	2-14-96	1500
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	2-14-96	2:50	ZJB	2-14-96	1505
CLEANLINESS	✓			✓	✓	✓
WATERED	✓			✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-14-96	2:55	ZJB	2-14-96	1505
VERTICAL	✓			✓	✓	✓
HORIZONTAL	✓			✓	✓	✓
SPACING	✓			✓	✓	✓
CLEARANCES	✓			✓	✓	✓
STEEL SCHEDULE	✓			✓	✓	✓
SHOP DRAWINGS	✓			✓	✓	✓
TIE WIRES	✓			✓	✓	✓
#6 BAR WELDED	✓			✓	✓	✓
CLEANLINESS	✓			✓	✓	✓
WATERED	✓			✓	✓	✓
E. FORMWORK	Jmj	2-14-96	3:00	ZJB	2-14-96	1510
CONDITION	✓			✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-14-96	3:00	ZOB	2-14-96	1510		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.87'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	2-14-96	3:05	ZOB	2-14-96	1515		
G. SAFETY (LIST)	Jmj	2-14-96	3:05	ZOB	2-14-96	1515		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffold	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-14-96	3:10	ZOB	2-14-96	1520		
Expansion Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:15	2.25				
Concrete Bucket	1	1.0 c.y.	"	"				
Concrete Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.3% ; CONCRETE TEMPS = 67° ; AIR TEMPS = 75° ; 3 Test Cylinders (LA-138)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: [Signature]				
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

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 # 2
 (Short Monolith) *

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-13-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	2-13-96	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	JMD	2-13	1:50			
CLEANLINESS	✓					
WATERED	✓					
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	2-13	1:55			
VERTICAL	✓					
HORIZONTAL	✓					
SPACING	✓					
CLEARANCES	✓					
STEEL SCHEDULE	✓					
SHOP DRAWINGS	✓					
TIE WIRES	✓					
#6 BAR WELDED	✓					
CLEANLINESS	✓					
WATERED	✓					
E. FORMWORK	JMD	2-13	2:00			
CONDITION	✓					

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-13-96	2:00					
CLEANLINESS	✓	"	"					
RELEASING AGENT	✓	"	"					
TIES AND BOLTS	✓	"	"					
* LENGTH 21.65'	✓	"	"					
WIDTH 1.75'-1.00'	✓	"	"					
HEIGHT 11.40'	✓	"	"					
WATERSTOPS	✓	"	"					
CHAMFER STRIPS	✓	"	"					
F. WEATHER PROTECTION	Jmj	2-13	2:05					
G. SAFETY (LIST)	Jmj	2-13	2:05					
1. Ladder	✓	"	"					
2. Scaffold	✓	"	"					
3. Eye Protection	✓	"	"					
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-13	2:10					
Expansion Material	✓	"	"					
FL-400 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	2:25	2				
Concrete Bucket	1	1.0 c.y.	"	"				
Concrete Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = $4\frac{1}{4}'' + 3\frac{3}{4}''$; AIR ENTR. = $4.9\% + 5.2\%$; CONCRETE TEMPS = $64^\circ + 64^\circ$; AIR TEMPS = $72^\circ + 72^\circ$; 3 Test Cylinders (LA-137)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jmj M. Justice					C.O.E. REPRS: NONE PRESENT			
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.								

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed subcontractor personnel pulling & stacking existing sheet piling near Sta. 74+00. Personnel were priming the sheets with water & no problems or difficulty observed when pulling sheets. Checked formwork prior to placing concrete for west mass #2 near Mirabeau Ave. All clearances (2") being maintained throughout. Concrete then placed & vibrated for consolidation. Observed wet burlap blankets on previously placed I-wells for curing purposes.

Instructions to COC/Remarks:

N/A.

Chrisf Wagner
Name

Proj Engr
Title

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

DATE: 2/14/96

REPORT NO.: 358

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 48 MIN 79 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.7) NOISE: Moderate

WORK PERFORMED/LOCATION

① B+K Construction - Wrecked forms at West Monolith #2, then patched holes and covered this wall with wet burlene. Set forms and top re-steel mats at West Monolith #5 and #19 today, then placed concrete at West Monolith #5 and #19. Graded excavation and set slab slab forms from West B Sta. 76+25 to Sta. 77+50 (not poured yet). Installed two bond cables at West Monolith Joints #25-26 and #26-27. Worked on repair of silt fence along the West Bank between Mirabeau + Filmore Avenues. Cement finishers completed repairs on West Monolith #8, and continued work on West Monolith #9, #10, and #11 (Land Side Only). Finishing work also continued on East Monolith #86, #85, and #84 (Land Side Only). Moved temporary Cofferdam sheet piles into position to be pre-driven, and set up the equipment to begin driving tomorrow.

② Gill's Crane Service - Pulled existing sheet piles (MP-115) from East B Sta. 74+65 to Sta. 75+50. Hauled off some of these sheets for salvage.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	130	B+K Const.	Wrecking & setting up I-wall forms; setting slab slab forms;
11	Skilled	110	"	Placing I-wall concrete; Cathodic protection work; Silt fence repair;
2	Supt.	20	"	Curing and finishing I-wall concrete;
1	Q.C. Rep.	9	"	Temporary Flood Protection work (See Above)
2	Skilled	16	Gill's Crane	Pulling MP-115 sheet piles
1	Unskilled	8	"	for salvage (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	yes	7	1	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	2	6	—
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	yes
Mantis 3612 Crane	—	yes	7	1	—
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 Excavator	—	yes	5	3	—

MATERIALS RECEIVED

Received 34 c.y. of concrete for West I-Wall Monoliths #5 and #19 (17 c.y. each) from Lafarge Concrete Company today. All material was Mix Design #44-C, and 1 copies of delivery tickets were furnished to the Government Inspector.

TESTS PERFORMED

(As required by plans/specifications)

BTK Construction personnel tested and inspected concrete delivered by Lafarge Concrete Company today. No deficiencies were observed with concrete. Find test results on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded from today's concrete delivery, and they will be delivered to the Government Lab by BTK Construction.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the formwork and embedded items on West I-Wall Monoliths # 5 and #19 prior to concrete placement. The required form checklist was completed at this time, and the Project Inspector then performed his inspection and signed off on the Checklist (LMN Form #1246). Concrete placement was not started until this was completed. Carpenters had forms in the proper alignment, with plumbness found to be within 0.02' from top to bottom of I-Wall. Checked the chamfer strip grade on top of the walls, and found the Land side set at elev. +14.42 and Canal Side set at +14.40 plus or minus 0.02'. Forms were cleaned and oiled with approved form release agent prior to being set in their final position. Stainless steel anchor bolts for FL-400 permanent location were in place and properly installed also.

JOB SAFETY

I had carpenters strengthen up the handrails and posts on the I-Wall form at West Mono. # 5 today. They nailed a splice block on two areas of the mid-rail that were cracked. Drove posts down fully into handrail brackets and then nailed them off to prevent excessive 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 M. Justice
Authorized Q C Representative

2-15-96
Date

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

DATE: 2/13/96

REPORT NO.: 357

SKIES: Clear

RAIN: 0

IN. TEMP.: 38 MIN 68 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (0.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - set forms and top re-steel at West Mono. #2. Placed concrete at West Mono. #2, and stabilization slab, West B sta. 75+70 to sta. 76+25. Installed bond cable at West Mono. Joint #24-25. Pulled temporary flood protection sheet piles from East B sta. 93+75 to sta. 93+00. Cement finishers completed repairs on East Monoliths #89 #88, and #87; continued work on West Mono's #8, #9, and #10. Cut holes for rebar at West Mono's #20 and #21.

Gill's Crane Service - Pulled existing MP-115 sheet piles from East B sta. 73+50 to sta. 74+65. Hauled some of these sheet piles off for salvage; some remain to be hauled off.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	120	B+K Const.	Forming and pouring concrete
11	Skilled	105	"	I-wall and stabilization slab;
2	Supt.	18	"	Cathodic Protection work;
1	Q.C. Rep.	6	"	Temp. Flood Protection work;
				Cement finishing work; Curing
				of I-wall concrete (SEE ABOVE)
2	Skilled	14	Gill's Crane	Pulling up existing MP-115
1	Unskilled	7	"	sheet piles (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

Received 17 c.y. of concrete (Mix Design #44-C) from Lafarge Concrete Company today, and placed it as follows: 13 cubic yards went in West Man #2 (short monolith), and 4 cubic yards went into stabilization slab (see Page #1 for station numbers).

TESTS PERFORMED
(As required by plans/specifications)

B+K Construction tested and inspected concrete delivered by Lafarge Concrete Company today. Results are documented on the attached Concrete Field Data Summary Sheet.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED
(Including results and actions taken)

Inspected the stabilization slab work done today. Sub-grade was smooth and level, and the elevation of sub-grade was elev. +2.60. The steel forms for stab. slab were set at elev. +2.95, yielding a thickness of 0.35'. Width of the slab was $\pm 5.0'$, with 2.75' from $\frac{c}{c}$ towards the canal and 2.25 towards the Land side. Concrete was consolidated by hand tamping, and finished smooth.

Also inspected formwork, re-steel and embedded items at West Monor. #2 prior to placing concrete

(See Lmn Form #1246.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked to make sure that the electric feeder lines were de-energized prior to starting work today. Supt. H. Stechmann had signed on FL-340, FL-0432, and FL-400 to have them shut off and locked out today. All work was coordinated with the Orleans Sewerage and Water Board as required.

REMARKS

(Instructions received, miscellaneous remarks)

I certify to the best of my 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 QC Representative

2-14-96
Date

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

DATE: 2-13-96

Pour Location West I-Wall Monolith #2, + Stab, Slab,
West @ Sta. 75+70 to Sta. 76+25.

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.
308541	2:26	3:02	4.25 ^o	0	4.25 ^x	64 ^o 72 ^o	4.9	3	2:45	9
308560	3:10	4:30	2.50	10 gal	3.75 ^x	64 ^o 72 ^o	5.2	-	4:00	8

Test Cylinder set #LA- 137

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
284

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

DATE Sat., Sun. & Mon.
10, 11 & 12 February 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
Partly Cloudy to Clear & Cool

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 44°	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 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-8 hrs	TOTAL 2-9 hrs	LABOR
------------------------	--------	--------	-----------------------	------------------	-------

FEET 1.20' to 0.80'	TIME 0800 M
---------------------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-26½ hrs	SKILLED 17-187 hrs	LABORERS 15-155 hrs	TOTAL 35-386½
--------------------------	-----------------------	------------------------	------------------

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. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES; SELECTIVE DEMOLITION
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

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) Wrecked I-Wall Forms; Set forms & placed concrete for I-Wall Mono; Removed existing concrete caps; Installed 3 cathodic jumpers; Rubbed I-Wall surfaces; Curing; Worked on cofferdam.
- b) Drove tie-in sheet piles at WB/L Sta. 70+47; Pulled existing MP-115 sheet piles.
- c) Set bottom resteel for 2 I-Wall Monos & pre-tied 3 sets of wall stem resteel mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work was performed by B&K only on Sat., 10 Feb 96. Also progressive work was performed by B&K, Gill and Arcadia on Mon., 12 Feb 96. No work performed or scheduled on Sun., 11 Feb 96. See attached CQC Reports.

PERCENT PROJECT COMPLETE: 59.0%

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT TIME ELAPSED: 83.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases on Mon., 12 Feb 96:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

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

The following QA Inspections were performed on Mon., 12 Feb 96:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Monos #06 & #12 after forms were removed and noted no major surface defects. Performed Pre-Placement Inspection on W. Mono #16 (see attached LMN Form 1246). Observed placement of concrete for W. Mono #16 this date, and noted that concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Witnessed sampling and testing of concrete used this date by B&K (see attached Concrete Field Data Sheet for test results). Observed finishers packing tie-rod holes in W. Monos #06 & #12 after forms were removed, and rubbing P/S surfaces of W. Monos #08, #09 & #10 and E. Monos #85 thru #89. Checked and found 3 cathodic protection jumpers properly cadwelded to sheet piles approx. 8" below dirt grade for W. Mono Joints #21/#22, #22/#23, and #23/#24. All jumpers were properly coated with epoxy resin as required.

SELECTIVE DEMOLITION: Checked and found that B&K had removed and hauled off of jobsite the existing concrete caps from between WB/L Sta's 75+80 & 77+80. Observed Gill removing existing MP-115 sheet piles from F/S of new I-Wall Monos between EB/L Sta's 72+85 & 73+50.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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.

NOTE: Contractor began repairing safety/silt fence along P/S of the East Levee between EB/L Sta's 70+20 and 84+31 on Sat., 10 Feb 96.

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	Civ. Engr., GS-11	1 hr. (Mon)	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs. (Mon)	QAR

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

Observed personnel working in the vicinity of pile driving & extraction operations to be wearing hearing protection devices as required on Mon., 12 Feb 96..

Contractor held Weekly Safety Meeting on site on Mon., 12 Feb 96. See attached minutes.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  LANE D. BRYANT, JR.	DATE 15 FEB 96	SUPERVISOR'S INITIALS gaw	DATE 2/22/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 284

DATE 10, 11 & 12 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

TEMPORARY FLOOD PROTECTION: Observed B&K moving previously pulled cofferdam sheet piles into the area between EB/L Sta's 85+50 & 90+00 in preparation for driving of new cofferdam in this area. Noted that all existing MP-115 sheet piles between WB/L Sta's 70+47 and 77+80 are cut off at approx. elev. +6.75' or above for temporary flood protection as required.

RESTEEL INSTALLATION: Checked and found that Arcadia had properly installed all required resteel for the bottom sections of W. Monos #02 & #18, and had pre-tied 3 sets of wall stem resteel mats for future placement. All resteel set this date, were set, spaced and tied in accordance with approved shop drawings and steel schedule.

STEEL SHEET PILES: Observed Gill and B&K driving 2-fabricated sheet pile corner piles and 2 pcs of CZ-101 X 21'-9" sheet piles for the new I-Wall Tie-in in the vicinity of WB/L Sta. 70+47. All piles were driven to a top elev. of +5.75'.

EROSION CONTROL: Checked and found that B&K removed fill material from along the safety/silt fencing between EB/L Sta's 70+20 & 84+31 on Sat., 10 Feb 96, in preparation for repairing/replacing defective filter fabric material.


QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE B. BRYANT, JR.
Inspector's Signature

FO... 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 # 16

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-12-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-12-96	1:00	ZAB	2-12-96	1310
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	2-12	1:00	ZAB	2-12-96	1315
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-12	1:05	ZAB	2-12-96	1315
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-12	1:10	ZAB	2-12-96	1320
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	2-12-96	1:10	ZOB	2-12-96	1320
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.85'	✓	"	"	✓	✓	✓
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓
HEIGHT 11.40'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	Jmj	2-12	1:15	ZOB	2-12-96	1325
G. SAFETY (LIST)	Jmj	2-12	1:15	ZOB	2-12-96	1325
1. Ladder + Scaffold	✓	"	"	✓	✓	✓
2. Eye Protection	✓	"	"	✓	✓	✓
3. Rigging Check	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-12	1:20	ZOB	2-12-96	1330
Expansion Material	✓	"	"	✓	✓	✓
FL-400 Anchor Bolts	✓	"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring Crane	1	4.05	1:35	2				
Bucket	1	1.0 cy.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4.5" + 4.0" ; AIR ENTR. = 6.0% + 5.5% ; CONCRETE TEMPS = 58° + 59° ;
 AIR TEMPS = 60° + 60° ; 3 Test Cylinders (LA-136)

FINAL CLEARANCE

CONTRACTOR REPRS: *Jerry M Justice* C.O.E. REPRS: *Zachary Dupont*

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.

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed personnel transporting
cottardam sheet piling towards Filmore Ave
on east side of canal in preparation for
installing tarp flood protection to el. 6.75'
Observed concrete placement for west side mono #16
Tremie chutes used to limit drop & place
concrete in layers. Vibrators were used
to consolidate once inside forms. Finishers
continuing to rub walls ~~flushing~~ filling
air bubbles & void w/ sand cement grout.

Instructions to COC/Remarks: None today.

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: 2/12/96

REPORT NO.: 356

SKIES: Clear

RAIN: 0

IN. TEMP.: 44 MIN 62 MAX

DUST: Minimal

LEEVE CONDITION: Dry CANAL GAUGE: (0.8) NOISE: Moderate

2-11-96 Sunday
 No WORK PERFORMED

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at West Mono's #6 and #12. Patched tie-bolt holes and covered these walls with wet burlene, set forms and top re-steel at West Mono #16. Placed concrete at West Mono #16 today. Installed bond cables at West Mono. Joints #21-22, #22-23, and #23-24. Moved temporary cofferdam sheet piles into position to continue cofferdam on the East Bank between sta 90+00 and 85+50. Assisted Gill's Crane Service with driving sheet pile corners and bolted connection pieces at West B Sta. 70+47±. Cement finishers worked on repair of East Monoliths #85 through #89 (Land side only) and West Mono's #8 through #10 (Land side only).

Arcadia Rebar - Tied bottom reinforcing steel at West Mono's #2 and #18. Pre-tied three top re-steel mats for future placement.

Gill's Crane service - Drove tie-in sheet piles and bolted connection pieces at West B Sta. 70+47 (as-built sketch to follow). Hauled off AZ-18 sheet pile scraps cut previously. Pulled existing mp-115 sheet piles for salvage from East B Sta. 72+85 to Sta. 73+50.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY
 COMPANY LOCATION/WORK DESCRIPTION

NO	TRADE	HOURS (Approx)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	118	B+K Const.	Wrecking + setting up I-wall
12	Skilled	110	"	forms; Placing I-wall concrete;
2	Supt.	18	"	Cathodic Protection work; Finishing
1	Q.C. Rep.	8.5	"	+ curing I-wall concrete;
				Temp. Cofferdam Work. (See Above)
3	Skilled	18	Arcadia Rebar	Tying Reinforcing Steel for
				I-wall (See Above)
2	Skilled	14	Gill's Crane	Driving sheet pile corners and
1	Unskilled	7	"	tie-in to existing; hauling off
				AZ-18 scraps; Pulling up existing
				MP-115 sheet piles. (See Above)

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

Received 17 cu. yd. of concrete for West
Monor. #16 today. This material was Lafarge
Concrete Company's Mix Design #44-C.

TESTS PERFORMED

(As required by plans/specifications)

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

INSPECTIONS PERFORMED

Inspected the sheet pile connections at West B Sta. 70+47. Bolts were $\frac{7}{8}$ " high strength ASTM-A325 type I steel, spacing of bolts were 6" on centers, except for 2 feet at each end, where they were 3" on centers. All interlocks were fully engaged. An as built sketch of this connection is forthcoming.

Also inspected the cathodic protection bond cables installed on the West Bank. CZ-101 sheet piles were clean and dry, sanded smooth before cadwelds were installed. The bond cables were exothermically welded to each sheet pile on either side of the Monolith joints shown on page #1. welds were checked to insure a good bond to CZ-101 sheets. Epoxy caps were then placed over all exposed copper wire and the weld points.

JOB SAFETY

(Note inspection, violations/actions taken)

Held the weekly safety meeting today at 7:00 AM. Minutes of the meeting are attached to this report.

Checked workers for steel toe boots. No violations were found; all employees were wearing approved type safety toe boots.

REMARKS

(Instructions received, miscellaneous 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 O C Representative

2-13-96
Date

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

DATE: 2-12-96

Pour Location West I-Wall Monolith #16,

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.
308259	1:35	2:10	3.75°	5 Gal	4.5 ^x	58° 60°	6.0	3	1:45	9
308270	2:20	3:35	3.25°	5 Gal	4.0 ^x	59° 60°	5.5	-	2:30	8

Test Cylinder Set #LA-136

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

TECHNICIAN:
Steve Thome

MINUTES OF SAFETY MEETING

DATE: 2-12-96

TIME: 7:00 AM

PROJECT: London Ave. Canal Floodwall
DACW29-94-C-0079

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
Gene Thorne
FRANK BERNARD
Matthew R. Little
Edward R. Lyons
James J. Patsiak
George J. Abel
Ray Barker

Dale J. Jungler
FRANK BERNARD
Gaylet Baerger
Tommy E. Daulton
Nathaniel Brown
Bernell Green
Carl Egan
Willie Dillman
Bruce Greener
Jojo Johnson
John Wood
John Light
Mike Corneal

TOPICS DISCUSSED:

Richard Allett
Glenn Vinsin
James J. Patsiak
Bryan Jordan
Craig M. Wood

Discussed the feeder line de-energizing every day, which must be done prior to starting work. Each crew must verify with their foreman or Superintendent that the feeder lines have been locked out. No work can start until this has been done first. Electric feeders must still be protected from damage, even though they are de-energized. If any damage is done (or even suspected) the Orleans sewerage + water Board must be notified for testing.

COMMENTS:

Laborers and carpenters were asked to police their areas for and nails protruding from lumber or forms. Every worker is responsible for bending over or pulling out these nails, which are a real hazard to all of us.

[Signature]
CONTRACTOR'S SUPERINTENDENT

**QUALITY CONTROL REPORT
EQUIPMENT**

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

MATERIALS RECEIVED

None Received Today

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

None Performed Today

INSPECTIONS PERFORMED

Check the demolition of existing floodwall done today on the West Bank. The existing MP-115 sheet piles were previously cut off at elev. +6.75 to provide Temp. Flood Protection. Portions of the sheet pile wall were left intact to support the concrete cap until time to load them onto haul trailers. The Koehring 405 Crane was rigged up to each section of cap (20' long each), then the uncut portions of sheet piles were cut by torch, and 20' sections were loaded up and hauled off to landfill along the Lake Pontchartrain shore line near Bucktown.

JOB SAFETY

(Note inspection, violations/actions taken)

Slings + shackles used to lift concrete cap sections were checked, and found to be in good condition. Torch operator wore approved burning goggles and lenses.

REMARKS

(Instructions received, miscellaneous 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

2-12-96

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
283

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

DATE Friday
09 February 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 & 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 60°	MAXIMUM 78°
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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 0.00"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-10 hrs	TOTAL 1-10 hrs	LABOR
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FEET 1.50'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-23 hrs	SKILLED 18-135 hrs	LABORERS 15-120 hrs	TOTAL 36-283
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FROM 0700 M	TO 1800M	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. - CONCRETE FLOODWALL; SELECTIVE DEMOLITION; FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

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) Wrecked I-Wall Forms; Set forms & placed concrete for New I-Walls; Rubbed surfaces of I-Wall Monos; Cut-off existing MP-112 and MP-115 sheet piles; Placed concrete for slab slabs; Curing;
- b) Removed existing MP-115 sheet piles from East Levee.
- c) Installed bottom resteel for 3 I-Wall monoliths and pre-tied 3 sets of wall stem mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03, & 05 Feb 96.

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

Progressive work was performed by B&K, Gill and Arcadia this date. See attached CQC Report.

DATE SET FOR COMPLETION: 28 MAY 96 PERCENT PROJECT COMPLETE: 58.7%
PERCENT TIME ELAPSED: 83.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- SELECTIVE DEMOLITION: No instructions issued.
- TEMPORARY FLOOD PROTECTION: No instructions issued.
- RESTEEL INSTALLATION: No instructions issued.

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTOR'S QOC ACTIVITIES

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Mono #74 & W. Mono #10 after forms were removed and noted no major surface defects. Observed finishers packing tie-rod holes on the above mentioned monos with dry-pack mortar, and rubbing F/S surfaces of W. Monos #170 & #171, and the P/S of E. Monos #85 thru #89. Performed Pre-Placement Inspections on E. Mono #73 and W. Mono #06 this date (see attached LMN Form 1246's). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Report for test results). Observed placement of concrete for E. Mono #73 and W. Mono #06 this date. Noted concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Checked and found area graded for stab slabs between EB/L Sta's 91+15 and 91+35 to be graded to accept +4.0" of concrete, with a top elev. of +2.50' as required. Noted that E. Monos #74 & #75, and W. Monos #08, #09, #10, #14 & #17 were covered with wet burlene blankets for curing as required.

RESTEEL INSTALLATION: Checked and found Arcadia had properly installed all required resteel for the bottom sections of E. Mono #73, and W. Monos #16 & #19.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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>
Z. BRYANT	Const. Insp., GS-07	9 hrs.	QAR

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

Noted all personnel on jobsite this date, wearing hard hats, safety-toed footwear, proper protective clothing.

No safety infractions were noted this date.

2/26

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 12 FEB 96	SUPERVISOR'S INITIALS yw	DATE 2/14/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 283

DATE Fri. - 09 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

SELECTIVE DEMOLITION: Observed B&K cutting off existing MP-112 sheet piles at approx. elev. +3.5' between EB/L Sta's 91+35 & 91+65. Also observed the cutting of the existing MP-115 sheet piles at elev. +6.75' between WB/L Sta's 77+60 & 78+80 for future removal of existing concrete caps & temporary flood protection in this reach. Observed Gill removing existing MP-115 sheet piles from the F/S of the new I-Wall Monoliths from between EB/L Sta's 80+80 & 81+20.

TEMPORARY FLOOD PROTECTION: As of COB this date the contractor has approx. 475' of existing flood protection below the elev. of +11.50' (required temporary flood protection elev. is +6.75' for a maximum of 750'), between the following stations: WB/L Sta's 70+47 to 71+55, WB/L Sta's 74+44 to 74+73, WB/L Sta's 75+02 to 77+80, and EB/L Sta's 90+85 to 91+45.

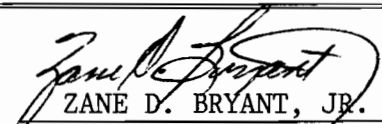
QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

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 # 6

LIFT NO. ONE

ELEVATION
from 3.00 to 14.40

DATE OF POUR
2-9-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	2-9-96	1:00	ZJB	2-9-96	1310
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	2-9-96	1:00	ZJB	2-9-96	1310
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	2-9-96	1:05	ZJB	2-9-96	1315
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	2-9-96	1:10	ZJB	2-9-96	1320
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>JmJ</i>	2-9-96	1:10	<i>ZAB</i>	2-9-96	1320		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.87'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>JmJ</i>	2-9-96	1:15	<i>ZAB</i>	2-9-96	1325		
G. SAFETY (LIST)	<i>JmJ</i>	2-9-96	1:15	<i>ZAB</i>	2-9-96	1325		
1. Eye Protection	✓	✓	✓	✓	✓	✓		
2. Ladder	✓	✓	"	✓	✓	✓		
3. Scaffold	✓	✓	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>JmJ</i>	2-9-96	1:20	<i>ZAB</i>	2-9-96	1325		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	1:45	1.75				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3.5" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 70° ;							
	AIR TEMPS = 75° ; 3 Test Cylinders (LA-135)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Jerry M. Justice</i>				C.O.E. REPRS: <i>Zuel...</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.								

F CHECK OUT FOR

STRUCTURAL
 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 East # 73

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 2-9-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-9-96	2:00	ZAB	2-9-96	1400
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	2-9-96	2:00	ZAB	2-9-96	1400
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-9-96	2:05	ZAB	2-9-96	1405
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-9-96	2:05	ZAB	2-9-96	1405
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	2-9-96	2:05	<i>ZOB</i>	2-9-96	1405		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.40'	✓	"	"	✓	✓	✓		
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.90'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jmj</i>	2-9-96	2:10	<i>ZOB</i>	2-9-96	1410		
G. SAFETY (LIST)	<i>Jmj</i>	2-9-96	2:10	<i>ZOB</i>	2-9-96	1410		
1. Ladder	✓	"	"	✓	✓	✓		
2. Eye Protection	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	2-9-96	2:10	<i>ZOB</i>	2-9-96	1410		
Exp. material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	Hydraulic	2:25	1.75				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18'shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.0" ; AIR ENTR. = 5.9% ; CONCRETE TEMPS = 68° ; AIR TEMPS = 73° ; 3 Test Cylinders (LA-135) FINAL CLEARANCE							
CONTRACTOR REPRS:				C.O.E. REPRS:				
<i>Jerry M. Justice</i>				<i>Zaneel August</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.								

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

DATE: 2/09/96

REPORT NO.: 354

SKIES: Cloudy

RAIN: 0

IN. TEMP.: 60 MIN 78 MAX

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

WORK PERFORMED/LOCATION

- ① B+K Construction - Wrecked forms at East Mono. #7f and West Mono #10 today. Patched tie-bolt holes and covered these walls with wet burlap blankets, set forms and top re-steel mats at East Mono. #73 and West Mono. #6. Placed concrete at East Mono. #73, West Mono. #6, and stabilization slab from East B sta. 91+35 to 91+15. Welded #6 rebar on top of AZ-18 sheet piles at East Mono. #73. Cut MP-11a sheet piles one foot below fin. grade from East B sta. 91+65 to sta. 91+35. Cut off existing MP-115 sheet piles at elev. +6.75 from West B sta. 77+60 to sta. 78+80 for Temp. Flood Protection. Cement finishers worked on repair of East Mono's #85 through #89 (land side) and West Mono's #170 and #171 (Canal Side) - Not completed yet.
- ② Gill's Crane Service - Pulled up existing MP-115 sheet piles from West B sta. 81+20 to sta. 80+80. Loaded up the pulled piles and hauled them off for salvage.
- ③ Arcadia Rebar - Tied bottom reinforcing steel at East Mono. #73, and at West Monoliths #16 and #19. Pre-tied three top re-steel mats for future placement.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	115	B+K Const.	Wrecking & setting I-Wall forms;
12	Skilled	105	"	Placing I-Wall and Stab.
2	Supt.	19	"	Slab concrete; Curing & finishing
1	Q.C. Rep.	9	"	I-Wall Concrete; Cathodic Protection;
				Cutting off existing sheet piles;
				Temp. Flood Protection.
				(SEE ABOVE)
2	Skilled	10	Gill's Crane	Pulling up existing MP-115
1	Unskilled	5	"	Sheet Piles (SEE ABOVE)
4	Skilled	20	Arcadia Rebar	Tying Reinforcing steel for
				I-Wall (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	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	—				
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	yes	3	5	—
Fiat-Allis MotorGrader	—	No	0	8	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	5	3	yes
J.S.W. Excavator	—	yes	1	7	—
Welding Machine	—	yes	1	7	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	yes	4	4	—

MATERIALS RECEIVED

Received 17 c.y. of concrete for West Mono #6, and 19 c.y. of concrete for East Mono #73. All concrete was delivered by Lafarge Concrete (mix Design #44-C), and delivery tickets were furnished to the Government's Project Inspector.

Received reinforcing steel from Lulich Steel Company for the next 18 monoliths on the West Bank (between Thirabeau and Filmore Avenue).

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction Company tested concrete delivered by Lafarge Concrete Company today on the East and West Banks. Find results documented on the attached Concrete Field Data Summary Sheet.

INSPECTIONS PERFORMED

Inspected the formwork - East Mono. #73 and at West Mono. #6 today. Condition of the forms was fair. Some minor repair is needed on form facing and rubber liner. This will be done beginning on Saturday 2-10-96. Form alignment, plumbness, and elevations were correct. Re-steel clearances were 2" to 3" at all points. Bar supports were used to maintain these clearances. Chamfer strips, water stop, and expansion material were installed correctly. Anchor bolts (stainless steel) for electric feeder lines were in place on the Canal Side at both monoliths poured today. Scaffolds and handrails were checked, and found to be in good condition. Elevation on top of the walls were checked, and found to be +14.42 on the Land Side, and +14.40 on the Canal Side (plus or minus 0.02).

JOB SAFETY

(Note inspection, violations/actions taken)

Replaced the ground fault interrupter on the gasoline generator used at Mirabeau Avenue on the West Bank, as the old outlet was damaged.

Checked Rigging on the concrete Buckets at Filmore (East Bank) and Mirabeau (West Bank). Wire rope slings and screw pin anchor shackles were in good condition. Headache ball and block were equipped with working safety latches.

REMARKS

(Instructions received, miscellaneous 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

2-12-96

Date

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

DATE: 2-9-96

Pour Location West I-Wall Monolith #6 and East Mono. #73;
Stabilization Slab from East B Sta. 91+35 to 91+15.

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.
West Mono #6 307829	1:31	2:18	3.0°	5 gal.	3.5°	70° 75°	-	-	1:45	9
307870	2:40	3:25	3.5°	0-	3.5 ^x	70° 75°	5.0	-	2:45	8
East Mono #73 307854	2:30	3:00	4.0°	0-	4.0 ^x	68° 73°	5.9	3-	2:45	10
307897	4:08	4:45	3.5	7 gal	4.0°	68° 72°	-	-	4:15	9

Test Cylinder Set #LA-135

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
282

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

DATE Thursday
08 February 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
Partly Cloudy & Mild

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 50°	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 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-1 hr.	OFFICE	LAYOUT	INSPECTION 1-9½ hrs	TOTAL 2-10½ hrs	LABOR
------------------------	--------	--------	------------------------	--------------------	-------

FEET 1.30'	TIME 0800 M
---------------	----------------

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-27½ hrs	SKILLED 13-124 hrs	LABORERS 15-134 hrs	TOTAL 31-285½	FROM 0700 M	TO 1800M	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. - CONCRETE FLOODWALL; STRUCTURAL EXCAVATION; SELECTIVE DEMOLITION
- b. Gill's Crane Service, Inc. - SELECTIVE DEMOLITION
- 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) Wrecked forms; Set forms & placed concrete for new I-Wall Monoliths; Excavated for Stab Slabs; Placed concrete for stab slabs; Cut off existing sheet piles for temp. flood protection; Rubbed I-Wall surfaces; Installed cathodic jumpers; Cut holes in sheet piles for resteeel.
- b) Removed existing MP-115 sheet piles from East Levee.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work was performed by B&K and Gill this date. See attached CQC Report.

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT PROJECT COMPLETE: 58.6%

PERCENT TIME ELAPSED: 83.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

SELECTIVE DEMOLITION: No instructions issued.

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

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Mono #08 & #14 after forms were removed and noted no major surface defects. Performed Pre-Placement Inspections on W. Monos #10 & #12 prior to concrete placement this date (see attached LMN Form 1246's). Witnessed sampling and testing of concrete used this date (see attached Concrete Field Data Sheet for test results). Observed placement of concrete for the above mentions I-Wall monos. Noted that concrete was not allowed to drop more than 5', was placed in less than 18" lifts, and was well vibrated. Checked installation of 2 cathodic protection jumpers approx. 8" below ground level on sheet piles between E. Monos #71/#72 & #72/#73, jumpers were proper cadwelded and coated with epoxy resin as required. Noted B&K cut holes in sheet piles for resteel installation for E. Mono #73. Checked forms and grades for slab slabs between EB/L Sta's 91+35 & 91+65 and noted top of forms were set at elev. +2.50' and inside of forms were graded to accept +4" of concrete as required. Observed finishers packing tie-rod holes in W. Monos #08 & #14 and rubbing F/S surfaces of W. Monos #170 & #171, and P/S surfaces of E. Monos #85 thru #89.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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

QAR, Z. Bryant instructed Messrs. M. Tassin and J. Justice to repair the following reaches of safety/silt fences by 19 Feb 96 or a written Notice of Contract Deficiency would be issued: WB/L Sta's 70+40 to 84+55; EB/L Sta's 70+20 to 84+31; and EB/L Sta's 85+55 to 99+70. Messrs. Tassin and Justice both agreed to have the above mentioned safety/silt fences repaired by set date.

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
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	8½ hrs.	QAR

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

Noted all personnel working on barges to be wearing hard hats and properly fastened life vest.
No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  LANE D. BRYANT, JR.	DATE 09 Feb 96	SUPERVISOR'S INITIALS 40	DATE 2/13/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 282

DATE Thu. - 08 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

STRUCTURAL EXCAVATION: Observed B&K excavating fill material for the construction of new I-Wall Monoliths and stabilization slabs between EB/L Sta's 91+05 & 91+55 to an approx. elev. of +2.20', removing excess fill material and rip-rap from both sides of the existing AZ-18 sheet piles. Excavated fill material was placed on existing levee crown, and the rip-rap was placed on the F/S of the temporary cofferdam sheet piles.

SELECTIVE DEMOLITION: Observed B&K cutting off existing sheet piles in sections at approx. elev. +6.75' for the future removal of the existing concrete caps from between WB/L Sta's 75+80 and 77+60, and breaking the existing concrete caps into 20' sections. No caps were removed this date.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NO ADDITIONAL INSTRUCTIONS ISSUED THIS DATE.

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed concrete placement for west monolith # 12 between Mirabeau & Filmore Ave. Concrete being placed in layers with use of tamping + not being allowed to drop more than 5'. Vibrators being used to consolidate concrete inside of forms. Observed personnel rubbing walls filling voids with sand cement mixture + other personnel cutting + breaking existing concrete caps on west side. Sheets cut-off @ el. 6.75'

Instructions to COC/Remarks: None today.

Chris Wagner Proj Engr
 Name Title

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

LIFT NO.

ELEVATION

DATE OF POUR

West #12

ONE

from 3.00 to 14.40

2-8-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JmJ	2-8-96	1:20	ZJB	2-8-96	1335
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	2-8-96	1:20	ZJB	2-8-96	1335
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JmJ	2-8-96	1:25	ZJB	2-8-96	1340
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JmJ	2-8-96	1:30	ZJB	2-8-96	1345
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	<i>Jmj</i>	2-8-96	1:30	<i>ZOB</i>	2-8-96	13:45		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.84'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	<i>Jmj</i>	2-8-96	1:35	<i>ZOB</i>	2-8-96	1350		
G. SAFETY (LIST)	<i>Jmj</i>	2-8-96	1:35	<i>ZOB</i>	2-8-96	1350		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder + Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	<i>Jmj</i>	2-8-96	1:40	<i>ZOB</i>	2-8-96	1350		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	2:25	1.5				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3.75" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 72° ; AIR TEMPS = 75° ; 3 Test Cylinders (LA-134) FINAL CLEARANCE							
CONTRACTOR REPRS:	<i>Jerry M. Justice</i>				C.O.E. REPRS: <i>Zachary Dupont</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.								

CHECK OUT FOR STRUCTURE
 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 # 10 **LIFT NO.** ONE **ELEVATION** from 3.00 to 14.40 **DATE OF POUR** 2-8-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-8-96	11:15	ZJB	2-8-96	1200
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	2-8-96	11:15	ZJB	2-8-96	1200
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-8-96	11:20	ZJB	2-8-96	1200
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-8-96	11:25	ZJB	2-8-96	1205
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	2-8-96	11:25	ZOB	2-8-96	1205		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.85'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmg	2-8-96	11:30	ZOB	2-8-96	1210		
G. SAFETY (LIST)	Jmg	2-8-96	11:30	ZOB	2-8-96	1210		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	2-8-96	11:35	ZOB	2-8-96	1210		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:25	1.5				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3.5" ; AIR ENTR. = 5.7% ; CONCRETE TEMPS = 68° ; AIR TEMPS = 74° ; 3 Test Cylinders (LA-134)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry Justice				C.O.E. REPRS: [Signature]				
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.								

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

DATE: 2/08/96

REPORT NO.: 353

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 50 MIN 76 MAX

DUST: Minimal

LEVEE CONDITION: Dry CANAL GAUGE: (1.3) NOISE: moderate

WORK PERFORMED/LOCATION

- ① B+K Construction - wrecked forms at West Monoliths #8 and #14. Patched holes and covered these walls with wet burlene blankets. Set forms and top re-steel mat at West Monoliths #10 and #12. Placed concrete at West Monoliths #10 and #12 today. Performed structural excavation from East B sta. 91+55 to sta. 91+05. Set forms and poured concrete stabilization slab from East B sta. 91+65 to sta. 91+35. Installed two bond cables at East Monoliths Joints #73-72 and #72-71. Cut holes for rebar at East Monoliths #73. Cut off MP-115 sheet piles at elev. +6.75 for Temp. Flood Protection from West B sta. 75+80 to sta. 77+60. Broke concrete cap at 20' intervals from West B sta. 77+80 to sta. 80+00 for removal at a later date. Removed cut-off pieces of AZ-18 sheet piles and stacked on the levee between East B sta. 91+85 and 91+40 (cut previously by Gill's Crane Service). Cement finishers worked on East Monoliths #89 through #85, land side (not completed yet) and West Monoliths #170 & #171.
- ② Gill's Crane Service - Began pulling up existing MP-115 sheet piles for salvage between East B sta. 81+75 and sta. 81+20 (not hauled off the job yet).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
14	Unskilled	130	B+K Const.	Wrecking forms; setting forms;
12	Skilled	120	"	Placing I-Wall and stabi. slab
2	Supt.	19	"	concrete; Cathodic protection work;
1	Q.C. Rep.	8.5	"	Temp. Flood Protection; Demolition of existing floodwall; Finishing and curing of I-Wall concrete. (SEE ABOVE)
1	Skilled	4	Gill's Crane	Pulling up existing MP-115
1	Unskilled	4	"	sheet piles (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	Yes	3	5	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	Yes	3	5	—
Case 580 Backhoe #1	—	Yes			
Case 580 Backhoe #2	Departed	→ STOLEN!	2-6-96	←	
RAMEX Roller-Packer	—	No	0	8	—
MKT Vibro Hammer V-5	—	Yes	3	5	—
Fiat-Allis MotorGrader	—	No	0	8	Yes
Mantis 3612 Crane	—	Yes	3	5	—
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 Excavator		Yes	4	4	—

MATERIALS RECEIVED

Received 5 cubic yards of concrete for Stabilization slab (see page #1), and 34 cubic yards of concrete for West Memorial: the #10 and #12 (17 cu. each). All this material was Lafarge Concrete Company's mix Design #44-C, and delivery tickets were furnished to the Government Inspector, as always.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction Company tested the concrete delivered by Lafarge Concrete Company today. Results are found on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded and will be delivered by B+K to the Corps of Engineers Lab, as always.

Inspected the stabilization slab work done on the East Bank today. The Structural excavation work had been completed, and all deleterious matter had been removed from the excavation. Sub-grade was found to be elev. + 2.10, and top of slab was at elev. + 2.45. Approximate width of the slab was 6.5', with 3.5' from E to the Land Side and 3.0' towards the Canal. Concrete was hand tamped to consolidate and remove any trapped air, then trowel finished. Underlying soil was undisturbed natural ground.

Checked pulling of MP-115 sheets on the East Bank today. The MKT-V-5 vibratory hammer was used to pull three existing sheet piles up along the Flood Side of the New I-wall. No damage was done to the New floodwall. No excessive voids were left after sheets were removed. Sheets came up two or three pieces at a time. These will be loaded up and hauled off the job for salvage tomorrow.

JOB SAFETY

(Note inspection, violations/actions taken)

Ordered safety cans for gasoline storage and fueling today to replace broken ones. Also ordered replacement funnels for the remaining safety cans. Checked for fire extinguishers at burning or welding work areas. Five Pound ABC type extinguishers were on hand near torch and welding operations.

REMARKS

(Instructions received, miscellaneous remarks)

VERBAL INSTRUCTIONS PER ZANE BRYANT: Repair all safety/silt fences in the following reaches by 2-16-96 or a written deficiency will be issued:

West B 70+40 to 84+55
 East B 70+20 to 84+31
 East B 85+55 to 99+70

Project Supt. Mike Tassin stated that he will comply.

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

2-9-96

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
281

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

DATE Wednesday
07 February 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
Partly Cloudy & Mild

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM 44°	MAXIMUM 68°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-10 hrs	TOTAL 1-10 hrs	LABOR
-------------	--------	--------	------------------------	-------------------	-------

FEET 1.10'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-27 hrs	SKILLED 16-135 hrs	LABORERS 17-155 hrs	TOTAL 36-317
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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. - REINFORCED CONCRETE FLOODWALL; SELECTIVE DEMOLITION
- b. Barnes Electric Co., Inc. - TEMPORARY RELOCATION OF FEEDER LINES
- c. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

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) Wrecked forms; Set forms & wall stem resteel mats; Placed concrete for 3 I-Wall Monos; Breaking existing concrete caps into 20' sections; Rubbed I-Wall surfaces; and Curing.
- b) Repaired broken splice in FL-400.
- c) Set bottom resteel for 3 Monos and pre-tied 3 sets of wall stem mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work was performed by B&K, Barnes, and Arcadia this date. See attached CQC Report.

PERCENT PROJECT COMPLETE: 58.4%
PERCENT TIME ELAPSED: 82.9%

DATE SET FOR COMPLETION: 28 MAY 96

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- Attended the following CQC Inspection Phases this date:
- REINFORCED CONCRETE FLOODWALL: No instructions issued.
 - TEMPORARY RELOCATION OF FEEDER LINES: No instructions issued.
 - SELECTIVE DEMOLITION: No instructions issued.
 - RESTEEL INSTALLATION: No instructions issued.

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

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Mono #75 and W. Monos #09 & #17 after forms were removed and noted no major surface defects. Performed Pre-Placement Inspections on E. Mono #74 and W. Monos #08 & #14 prior to placement of concrete (see attached LMN Form 1246's). Observed placement of concrete into forms for the above mentioned I-Wall Monoliths and noted that concrete was not allowed to drop more than 5', was placed in lifts of less than 18", and was well vibrated. Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Observed finishers packing tie-rod holes in E. Mono #75, and rubbing P/S surfaces of E. Monos #89 & #90 and the F/S surfaces of W. Monos #169 & #170.

SELECTIVE DEMOLITION: Observed B&K using the Kubota 151 with hydraulic breaker breaking the existing concrete caps into approx. 20' sections between WB/L Sta's 75+80 & 77+80. No caps removed at this time in this area.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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).

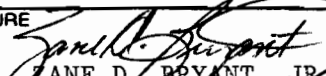

REMARKS (include visitors to project and miscellaneous remarks pertinent to work)

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
Z. BRYANT	Const. Insp., GS-07	9 hrs.	QAR

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

Checked and found back-up alarms working properly on all concrete trucks delivering concrete to the jobsite this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  LANE D. BRYANT, JR.	DATE 08 FEB 96	SUPERVISOR'S INITIALS 	DATE 2/12/96 2/9/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 281

DATE Wed. - 07 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)

TEMPORARY RELOCATION OF FEEDER LINES: Observed Barnes Electric Co. repairing the defective FL-400 cable at approx. WB/L Sta. 77+20 this date, by installing a 25' section of new feeder cable. Feeder line was tested by Orleans SW&B after splicing was completed and was found to be good condition.

RESTEEL INSTALLATION: Checked and found that Arcadia has properly installed all required resteel for the bottom sections of E. Mono #74 and W. Monos #06, #10 & #12. They also pre-tied 3 sets of wall stem resteel mats for future placement. All resteel set, spaced and tied in accordance with approved shop drawings and resteel schedule.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

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 West # 14

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-7-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-7-96	2:35	ZJB	2-7-96	1445
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	2-7-96	2:35	ZJB	2-7-96	1445
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-7-96	2:40	ZJB	2-7-96	2445
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-7-96	2:45	ZJB	2-7-96	1450
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	2-7-96	2:45	ZJB	2-7-96	1450		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.86'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmg	2-7-96	2:50	ZJB	2-7-96	1455		
G. SAFETY (LIST)	Jmg	2-7-96	2:50	ZJB	2-7-96	1500		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffold	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	2-7-96	2:50	ZJB	2-7-96	1500		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:00	1.5				
Concrete Bucket	1	1.0 CY	"	"				
Concrete Vibrator	1	18' Shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 61° ;							
	AIR TEMPS = 70° ; 3 Test Cylinders (LA-133)							
	FINAL CLEARANCE							
CONTRACTOR REPRS:	Jerry M. Justice				C.O.E. REPRS:	ZJB		
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

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 # 74

LIFT NO. ONE

ELEVATION from 2.50 to 14.40

DATE OF POUR 2-7-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmj	2-7-96	2:00	ZJB	2-7-96	1405
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	2-7-96	2:00	ZJB	2-7-96	1405
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmj	2-7-96	2:05	ZJB	2-7-96	1410
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED "	✓	"	"	✓	✓	✓
E. FORMWORK	Jmj	2-7-96	2:10	ZJB	2-7-96	1415
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmj	2-7-96	2:10	ZJB	2-7-96	1415		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.40'	✓	"	"	✓	✓	✓		
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.90'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmj	2-7-96	2:15	ZJB	2-7-96	1420		
G. SAFETY (LIST)	Jmj	2-7-96	2:15	ZJB	2-7-96	1420		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Rigging Check	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-7-96	2:15	ZJB	2-7-96	1420		
Exp. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	Hydraulic	2:50	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 = 61° ; AIR TEMPS = 70° ; 3 Test Cylinders (LA-133)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: ZJB				
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

REINFORCEMENT

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 WLST# 8

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-7-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	2-7-96	12:05	ZAB	2-7-96	1215
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	2-7	12:05	ZAB	2-7-96	1215
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	2-7	12:10	ZAB	2-7-96	1220
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	2-7	12:15	ZAB	2-7-96	1225
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	Jmg	2-7-96	12:15	ZJB	2-7-96	1225		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.84'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	Jmg	2-7	12:20	ZJB	2-7-96	1230		
G. SAFETY (LIST)	Jmg	2-7	12:20	ZJB	2-7-96	1230		
1. Ladder	✓	"	"	✓	✓	✓		
2. Scaffold	✓	"	"	✓	✓	✓		
3. Hand + Eye Protection	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	Jmg	2-7	12:20	ZJB	2-7-96	1230		
Exp. Material	✓	"	"	✓	✓	✓		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	12:30	2				
Bucket	1	1.0 C.F.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.5" ; AIR ENTR. = 4.8% ; CONCRETE TEMPS = 60° ; AIR TEMPS = 70° ; 3 Test Cylinders (LA-133)							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M. Justice				C.O.E. REPRS: [Signature]				
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.								

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

DATE: 2/07/96

REPORT NO.: 352

SKIES: Pt. Cloudy

RAIN: 0"

IN. TEMP.: 44 MIN 68 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.1) NOISE: Moderate

WORK PERFORMED/LOCATION

① B+K Construction - Wrecked forms at East Mono, #75, and at West Mono's #9 and #17. Patched tie-bolt holes at East Mono, #75, then covered all three walls with wet burlene blankets. Set forms and top reinforcing steel at East Mono, #74, and West Mono's #8 and #14. Placed concrete at East Mono, #74, West Mono, #8, and West Mono, #14 today. Welded #6 rebar on top of AZ-18 sheet piles at East Mono, #74. Worked on steel sheet pile connection pieces for West B tie-in to existing at 84+54. Broke concrete cap at 20' intervals between West B Sta. 75+80 and Sta. 77+80 to facilitate removal. Cement finishers completed repairs on West Mono's #169 + #170 (Canal Side) and on East Mono's #90 and #89 (Land Side Only).

② Barnes Electric - Completed temporary splice of Feeder Line FL-400 at West B Sta. 77+20 today. The Orleans Sewerage and Water Board tested FL-400 after splicing was completed, and no fault was found.

③ Arcadia Rebar - Tied bottom reinforcing steel at East Mono, #74, and at West Mono's #6, #10, and #12. Pre-tied three top steel mats for future placement (one on the East Bank and two on the West Bank).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	115	B+K Const.	Wrecking + setting up I-wall forms;
11	Skilled	100	"	Placing I-wall concrete;
2	Supt.	18	"	Welding #6 bar on AZ-18 sheets;
1	Q.C. Rep.	9	"	Working on steel sheet pile connection pcs.;
				Breaking concrete cap; Finishing I-wall concrete (SEE ABOVE)
2	skilled	20	Barnes Electric	Temporary splice on FL-400
4	Unskilled	40	"	feeder line (See Above)
3	Skilled	15	Arcadia Rebar	Tying Reinforcing steel for new I-wall. (See Above)

**QUALITY CONTROL REPORT
EQUIPMENT**

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator & Concrete Breaker	—	yes	3	5	—
Case 580 Backhoe #1	—	yes	7	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	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	2	6	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Excavator	—	yes	5	3	—

MATERIALS RECEIVED

Received 19 cubic yards of concrete for East Monolith # 74, and 34 cubic yards of concrete for West Monoliths # 8 and # 14 (17 c.y. each). All material was Lafarge Concrete Company's Mix Design #44-C. Copies of delivery tickets were furnished to the Project Inspector.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction tested and inspected concrete material delivered by Lafarge Concrete Company today. Find results documented on the attached Concrete Field Data Summary sheet. Three test cylinders were molded, and will be delivered to the Government Lab by B+K Construction.

Inspect the I-wall form and re-steel today at all three pour locations (see Page #1). Deficient items were found upon the pre-placement inspection as follows: Chamfer Strip at East Mono, #74 had to be re-installed on the Canal Side, as it was approx. 1/2" too low; Reinforcing steel clearance had to be adjusted on East Mono, #74 on the Land Side, as the top steel mat was too close to the form; Reinforcing steel clearance at West Mono, #8 also had to be adjusted on the Land Side, as the top mat was too close to the form. All these items were corrected prior to commencing concrete placement. No other deficiencies were noted.

Checked finishing work being done on the East Bank today. Grey and white portland cement were mixed to yield a mortar that matches the color of I-wall concrete. Protruding concrete was chipped or ground smooth. Holes were reamed out and then filled with mortar mix and finished smooth. Fractured fin area was also patched, holes were filled, and defective concrete was repaired.

JOB SAFETY

(Note inspection, violations/actions taken)

Hand-rail posts were replaced on the I-wall scaffold (previously at West Mono, #9, now at West Mono, #8) as instructed by myself yesterday. Ladders, scaffolds, and handrails were all in good condition.

Checked welder for proper personal protection today on the East Bank. Approved welding hood and lenses were being worn, as well as steel toe boots and welding gloves.

REMARKS

(Instructions received, miscellaneous 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 O C Representative

2-8-96

Date

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

DATE: 2-7-96

Pour Location West I-Wall Monolith #8 and #14; East Mono. #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.
<i>West Mono #8</i> 307007	12:30	1:30	3.0°	10Gal	4.0°	62° 70°	-	-	12:45	9
307040	1:45	2:25	3.0°	15Gal	4.5 ^x	60° 70°	4.8	-	2:00	8
<i>West Mono #14</i> 307081	2:57	3:40	3.5°	-0-	3.5°	61° 70°	-	-	3:15	9
307090	3:53	4:30	4.0°	-0-	4.0°	62° 69°	-	-	4:05	8
<i>East Mono #74</i> 307079	2:51	3:23	2.75°	12Gal	4.0 ^x	61° 70°	5.2	3	3:00	10
326501	4:05	4:30	2.50°	10Gal	3.75°	62° 69°	-	-	4:15	9

Test Cylinder set #LA-133

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
280

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

DATE
Tuesday
06 February 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
Partly Cloudy & Cold

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 30°	MAXIMUM 56°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 1-8½ hrs	TOTAL 1-8½ hrs	LABOR
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FEET 0.30'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 2-18 hrs	SKILLED 15-119 hrs	LABORERS 13-110 hrs	TOTAL 30-247	FROM 0700 M	TO 1630 M	FROM M	TO M	FROM M	TO M
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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. - REINFORCED CONCRETE FLOODWALL; SELECTIVE DEMOLITION
- b. Arcadia Rebar, Inc. - RESTEEL INSTALLATION
- 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) Wrecked forms; Set forms & placed concrete for 3 I-Wall Monos; Placed concrete for stab slabs; Cut holes in sheet piles for resteel; Installed 1-cathodic jumper; Rubbed I-Wall surfaces; Curing; Pulled up 2 pcs of MP-115 sheet piles for Tie-in @ WB/L Sta. 84+55.
- b) Set bottom resteel for E. Mono #75 and pre-tied 2-sets of wall stem mats.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work was performed by B&K and Arcadia only this date. See attached CQC Report for details.

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT PROJECT COMPLETE: 58.2%
PERCENT TIME ELAPSED: 82.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions issued.
SELECTIVE DEMOLITION: No instructions issued.
RESTEEL INSTALLATION: No instructions issued.

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

The following Follow-Up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Checked surfaces of E. Mono #76 after forms were removed and noted no major surface defects. Noted that tie-rod holes were packed with dry-pack mortar and covered with wet burlene blanket, on E. Mono #76. Performed Pre-Placement Inspections on W. Monos #09 & #17, and E. Mono #75 prior to placement of concrete (see attached LMN Form 1246's). Witnessed placement of concrete for E. Mono #76 and W. Monos #09 & #17. Noted that concrete was placed in lifts of less than 18", was well vibrated, and was not allowed to drop more than 5' by use of trimmie chutes. Witnessed sampling and testing of concrete being used this date (see attached Concrete Field Data Sheet for test results). Checked installatio of one cathodic protection jumper approx. 8" below dirt grade at approx. EB/L Sta. 91+73 (E. Monos #73/#74), found to be properly cadwelded to sheet piles and coated with epoxy resin. Observed placement of concrete for stab slabs between EB/L Sta's 91+65 & 91+85, with forms set to a top elev. of +2.5', and inside of forms graded to accept +4" of concrete. Observed finishers rubbing L/S surfaces of E. Monos #90 thru #92 and F/S surfaces of W. Monos #167 & #168.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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:

NOTE: Contractor removed two (2) of the existing MP-115 sheet piles from the existing flood-wall at approx. WB/L Sta. 84+55, in order to make the required bolted sheet piles tie-in between the existing and new floodwalls. Noted that area where the above piles were removed has been sand-bagged to an approx. elev. of +7.00' for temporary flood protection.

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


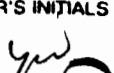
REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)

<u>GOVERNMENT PERSONNEL ON SITE</u>			
<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. BRYANT	Const. Insp., GS-07	7½ hrs.	QAR

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

Checked and found ladders to I-Wall form scaffolds to extend approx. 3' above the landings and well secured to the forms. All personnel wearing safety glasses while placing concrete.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  LANE D. BRYANT, JR.	DATE 07 FEB 96	SUPERVISOR'S INITIALS 	DATE 2/12/96 2/9/96
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QUALITY ASSURANCE REPORT SUPPLEMENT

CONTRACT NO.: DACW29-94-C-0079

QAR# 280

DATE Tue. - 06 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG FORM 2528-2, DAILY LOG OF CONSTRUCTION)

SELECTIVE DEMOLITION: Noted that B&K cut off the existing MP-112 sheet piles approx. 1' below proposed final backfill elev. of +4.5', between EB/L Sta's 91+65 & 91+85.

RESTEEL INSTALLATION: Noted B&K set wall stem resteel mats for W. Mono #09 this date. Observed Arcadia setting all required bottom resteel for E. Mono #75, and pre-tying 2-set of wall stem resteel mats for future installation. All resteel set and spaced in accordance with approved shop drawings and steel schedule.

QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

✓ 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 # 17

LIFT NO.
ONE

ELEVATION
from 3.00 to 14.40

DATE OF POUR
2-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	2-6-96	11:40	ZJB	2-6-96	1200
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	2-6	11:40	ZJB	2-6-96	1200
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	2-6	11:45	ZJB	2-6-96	1205
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	Jmd	2-6	11:50	ZJB	2-6-96	1210
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	JmJ	2-6-96	11:50	ZAB	2-6-96	12:10
CLEANLINESS	✓	"	"	✓	✓	✓
RELEASING AGENT	✓	"	"	✓	✓	✓
TIES AND BOLTS	✓	"	"	✓	✓	✓
LENGTH 28.88'	✓	"	"	✓	✓	✓
WIDTH 1.75-100'	✓	"	"	✓	✓	✓
HEIGHT 11.90'	✓	"	"	✓	✓	✓
WATERSTOPS	✓	"	"	✓	✓	✓
CHAMFER STRIPS	✓	"	"	✓	✓	✓
F. WEATHER PROTECTION	JmJ	2-6-96	11:55	ZAB	2-6-96	12:15
G. SAFETY (LIST)	JmJ	2-6-96	11:55	ZAB	2-6-96	12:15
1. Ladder	✓	"	"	✓	✓	✓
2. Seat fold	✓	"	"	✓	✓	✓
3. Eye Protection	✓	"	"	✓	✓	✓
H. OTHER CHECKS PER SPECIFIC JOB	JmJ	2-6-96	12:00	ZAB	2-6-96	12:15
FL-400 Anchors		"	"	✓	✓	✓

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Kochring Crane	1	405	12:35	1.5				
Bucket	1	1.0 cu	"	"				
Vibrator	1	18" shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS
 SLUMP = 3.5" ; AIR ENTR. = 4.7% ; CONCRETE TEMPS = 51° ;
 AIR TEMPS = 50° ; 3 Test Cylinders (LA-132) Cylinders destroyed!
FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: Z. A. B.

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 # 9
LIFT NO. one
ELEVATION from 3.00 to 14.40
DATE OF POUR 2-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>JMD</i>	<u>2-6-96</u>	<u>9:30</u>	<i>ZAB</i>	<u>2-6-96</u>	<u>0950</u>
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>JMD</i>	<u>2-6</u>	<u>9:30</u>	<i>ZAB</i>	<u>2-6-96</u>	<u>0950</u>
CLEANLINESS	✓	''	''	✓	✓	✓
WATERED	✓	''	''	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>JMD</i>	<u>2-6</u>	<u>9:35</u>	<i>ZAB</i>	<u>2-6-96</u>	<u>0950</u>
VERTICAL	✓	''	''	✓	✓	✓
HORIZONTAL	✓	''	''	✓	✓	✓
SPACING	✓	''	''	✓	✓	✓
CLEARANCES	✓	''	''	✓	✓	✓
STEEL SCHEDULE	✓	''	''	✓	✓	✓
SHOP DRAWINGS	✓	''	''	✓	✓	✓
TIE WIRES	✓	''	''	✓	✓	✓
#6 BAR WELDED	✓	''	''	✓	✓	✓
CLEANLINESS	✓	''	''	✓	✓	✓
WATERED	✓	''	''	✓	✓	✓
E. FORMWORK	<i>JMD</i>	<u>2-6</u>	<u>9:40</u>	<i>ZAB</i>	<u>2-6-96</u>	<u>0955</u>
CONDITION	✓	''	''	✓	✓	✓

ITEM	SPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JmD	2-6-96	9:40	ZOB	2-6-96	0955		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.84'	✓	"	"	✓	✓	✓		
WIDTH 1.75'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.40'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JmD	2-6	9:45	ZOB	2-6-96	1000		
G. SAFETY (LIST)	JmD	2-4	9:45	ZOB	2-6-96	1000		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffold	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JmD	2-6	9:45	ZOB	2-6-96	1000		
FL-400 Anchors	✓	"	"	✓	✓	✓		
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Koehring 405	1	Crane	10:20	1.75				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 3.5" ; AIR ENTR. = 4.7% ; CONCRETE TEMPS = 50° ;							
	AIR TEMPS = 49° ; 3 Test Cylinders (LA-132) Cylinders destroyed							
FINAL CLEARANCE								
CONTRACTOR REPRS: Jerry M Justice				C.O.E. REPRS: [Signature]				
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 East # 75 **LIFT NO.** ONE **ELEVATION** from 2.50 to 14.40 **DATE OF POUR** 2-6-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	JMD	2-6-96	1:05	ZAB	2-6-96	1350
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	2-6	1:05	ZAB	2-6-96	1330
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	JMD	2-6	1:10	ZAB	2-6-96	1335
VERTICAL	✓	"	"	✓	✓	✓
HORIZONTAL	✓	"	"	✓	✓	✓
SPACING	✓	"	"	✓	✓	✓
CLEARANCES	✓	"	"	✓	✓	✓
STEEL SCHEDULE	✓	"	"	✓	✓	✓
SHOP DRAWINGS	✓	"	"	✓	✓	✓
TIE WIRES	✓	"	"	✓	✓	✓
#6 BAR WELDED	✓	"	"	✓	✓	✓
CLEANLINESS	✓	"	"	✓	✓	✓
WATERED	✓	"	"	✓	✓	✓
E. FORMWORK	JMD	2-6	1:15	ZAB	2-6-96	1340
CONDITION	✓	"	"	✓	✓	✓

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.				
	NAME	DATE	TIME	NAME	DATE	TIME		
E. FORMWORK (CONT)								
ALIGNMENT	JMD	2-6-96	1:15	ZAB	2-6-96	1340		
CLEANLINESS	✓	"	"	✓	✓	✓		
RELEASING AGENT	✓	"	"	✓	✓	✓		
TIES AND BOLTS	✓	"	"	✓	✓	✓		
LENGTH 28.45'	✓	"	"	✓	✓	✓		
WIDTH 2.25'-1.00'	✓	"	"	✓	✓	✓		
HEIGHT 11.90'	✓	"	"	✓	✓	✓		
WATERSTOPS	✓	"	"	✓	✓	✓		
CHAMFER STRIPS	✓	"	"	✓	✓	✓		
F. WEATHER PROTECTION	JMD	2-6	1:20	ZAB	2-6-96	1345		
G. SAFETY (LIST)	JMD	2-6	1:20	ZAB	2-6-96	1345		
1. Eye Protection	✓	"	"	✓	✓	✓		
2. Ladder	✓	"	"	✓	✓	✓		
3. Scaffolds	✓	"	"	✓	✓	✓		
H. OTHER CHECKS PER SPECIFIC JOB	JMD	2-6	1:25	ZAB	2-6-96	1345		
Exp. Material	✓	"	"	✓	✓	✓		
FL-340 Anchors	✓	"	"					
I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Manitow Crane	1	Hydraulic	2:00	2				
Bucket	1	1.0 c. y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				
J. REMARKS	SLUMP = 4.0" ; AIR ENTR. = 5.0% ; CONCRETE TEMPS = 54° ; AIR TEMPS = 56° ; 3 Test Cylinders (LA-132) Cylinders destroyed!							
FINAL CLEARANCE								
CONTRACTOR REPRS: <i>Jerry M. Justice</i>				C.O.E. REPRS: <i>Z. A. B.</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.								

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

DATE: 2/06/96 REPORT NO.: 351
 SKIES: Cloudy - Pt. Cloudy RAIN: Trace IN. TEMP.: 30° MIN 56° MAX
 DUST: NONE LEVEE CONDITION: Dry CANAL GAUGE: (0.3) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #76, patched tie-bolt holes and then covered this wall with wet burlene. Set forms and top steel at East Mono. #75. Set top steel and land side form at West Mono. #9. Placed concrete at East Mono. #75, West Mono. #9, and West Mono. #17 today. Also poured concrete in stabilization slab from East B sta. 91+85 to 91+65. Welded #6 Rebar on top of AZ-18 sheet piles at East Mono. #75. Installed one bond cable at East Mono. Joint #74-73. Cut holes for rebar at East Mono. #74, and cut off existing MP-112 sheet piles from East B sta. 91+85 to 91+65. Pulled up two pieces of MP-115 sheet pile at approx. West B sta. 84+55 to be used for bolted connections to new I-wall. Placed sand bags in the resulting gap up to elev. +7.00 for Temp. Flood Protection. Cement finishers completed repairs on West Mono's #167 + #168 (Canal Side Only) and East Mono's #92, #91, and #90 (Land Side Only).

Arcadia Rebar - Tied bottom steel at East Mono. #75, and pre-tied two top mats of reinforcing steel for future use.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	110	B+K Const.	Wrecking & Setting up I-wall forms;
12	Skilled	110	"	Placing concrete for I-Walls and Stab.
1	Supt.	9	"	slab; Curing & Finishing I-wall
1	Q.C. Rep.	9	"	concrete; Miscellaneous metal
				work for I-wall construction; Cathodic
				Protection work.
				(SEE ABOVE)
3	Skilled	9	Arcadia Rebar	Tying reinforcing steel for
				new Floodwall.
				(SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	2	6	—
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	—	yes	2	6	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	yes	3	5	—
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.	—	yes	4	4	—

MATERIALS RECEIVED

Received 34 cubic yards of concrete for West Bank Monoliths #9 and #17, and 21 cubic yards of concrete for East Bank Monolith #75 and East Bank Stabilization slab (19 yards went in E. Mono, #75 and 2 yards went in Stab. slab). Delivery tickets were furnished to Project Inspector Zane Bryant complete with all necessary batch information. All concrete received today was Lafarge's Mix Design #44-C.

TESTS PERFORMED

(As required by plans/specifications)

B+K Construction performed concrete tests on Lafarge Concrete Company's Mix Design #44-C today. Final results documented on the attached Concrete Field Data Summary Sheet. Three test cylinders were molded, but were accidentally knocked over and destroyed while setting up.

Inspected form alignment, plumbness, and elevations on East Mono. #75, and West Mono. #9 and #17. Some adjustment on alignment of East Mono. #75 was required, but was done prior to beginning placement of concrete. Plumbness, alignment and elevations were found to be correct on all other monoliths. Reinforcing steel clearances were 2" to 3" at all points on these three monoliths. No deficient items were found upon inspection except as noted above.

Inspected the cathodic protection work performed today, the #6 rebar was tack welded to each piece of AZ-18 sheet pile for cathodic protection. No re-steel extended through the monolith joints however. Bond cable at East Mono Joint #74-73 was checked to verify a good bond with steel sheet piles. Epoxy caps were used to cover all exposed copper wire and the weld itself.

JOB SAFETY

(Note inspection, violations/actions taken)

Instructed carpenters to repair hand rail posts on the I-wall scaffold at West Mono. #9 before using it tomorrow. I'll follow up with an inspection tomorrow A.M.

Checked rigging on concrete buckets East + West Bank. Slings + shackles were in good condition. Safety latches were in working order on headache balls, blocks, and hoisting hooks.

REMARKS

(Instructions received, miscellaneous 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 O C Representative

2-7-96
Date

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

DATE: 2.6.96

Pour Location West I-Wall Monolith #9 and #17; East Mono. #15;
Stabilization Slab East B Sta. 91+85 to 91+65.

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.
306479	10:18	10:57	2.5 _o	10 Gal	3.5 _x	50° 49°	4.7	3	10:35	9
306517	11:10	12:03	3.0 _o	10 Gal	4.0 _o	52° 49°	-	-	11:30	9
306555	12:34	1:05	2.5 _o	10 Gal	3.5 _o	51° 50°	-	-	1:00	9
306582	1:19	1:55	2.5 _o	10 Gal	4.0 _o	54° 54°	-	-	1:30	7
306627	2:00	2:31	1.5 _o	15 Gal	3.5 _o	54° 56°	-	-	2:15	7
306636	2:39	2:56	2.5 _o	15 Gal	4.0 _x	54° 56°	5.0	-	2:45	7
306642	3:00	3:55	2.5 _o	15 Gal	4.0 _o	55° 55°	-	-	3:30	7

Test Cylinder Set #LA-132

* Note: These cylinders were accidentally knocked over while setting up and were destroyed.

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

279

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

DATE Thursday thru Monday
01 thru 05 February 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
See CQC Reports

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100% 0/0/0/0 %	BORROW EXCAVATION 100% 0/0/0/0 %	EMBANKMENT 100% 0/0/0/0 %	CONCRETE 100% 0/0/0/0 %	STRUCTURE 100% 0/0/0/0 %
---	-------------------------------------	------------------------------	----------------------------	-----------------------------

MINIMUM 18°	MAXIMUM 50°
----------------	----------------

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

24 HOUR PRECIPITATION

INCHES 2.15"	ENDING 0730	M
-----------------	----------------	---

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE
FEET 2.40'
to 0.50' TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-64 hrs	18-275 hrs	18-254 hrs	39-593	0700 M	1800 M	M	M	M	M

1 2 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. - CONCRETE FLOODWALL; COFFERDAM; STRUCT. EXCAVATION
- b. Gill's Crane Service, Inc. - CUTTING OFF EXISTING AZ-18 SHEET PILES
- c. Barnes Electric Co., Inc. - TEMPORARY RELOCATION OF FEEDER LINES
- d. Arcadia Rebar, Inc. - RESTEEL INSTALLATION

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) Wrecked forms; Set forms & placed concrete for I-Walls; Excavated for stab slabs; Curing; Pulled temporary cofferdam sheet piles; Placed concrete for stab slabs; Cathodic protection.
- b) Cut off existing AZ-18 sheet piles
- c) Temporarily relocated FL-400 on west levee.
- d) Set bottom resteel for W. Mono #08 & E. Mono #76, and pre-tied 3 wall mat sets.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground on 02, 03 & 05 Feb 96.

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

Progressive work was performed on 01 & 05 Feb 96. However, no progressive work was performed on 02 & 03 Feb 96, and no progressive work was scheduled for 04 Feb 96 (Sun). See attached CQC Reports for details of work performed this period.

PERCENT PROJECT COMPLETE: 58.0%

DATE SET FOR COMPLETION: 28 MAY 96

PERCENT TIME ELAPSED: 82.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

See attached PE's QA Supplemental Report for details of CQC Inspection Phases attended on Thursday, 01 Feb 96.

Attended the following CQC Inspection Phases on Mon., 05 Feb 96:

- REINFORCED CONCRETE FLOODWALL: No instructions issued.
- STRUCTURAL EXCAVATION: No instructions issued.
- TEMPORARY COFFERDAMS: No instructions issued.
- CUTTING OFF EXISTING AZ-18 SHEET PILES: No instructions issued.

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

See attached PE's QA Supplemental Report for details of QA Inspections performed on Thurs., 01 Feb 95 by PE, C. Wagner.

The following Follow-Up QA Inspections were performed on Mon., 05 Feb 95 by QAR, Z. Bryant:
REINFORCED CONCRETE FLOODWALL: Checked surfaces of W. Monos #13 & #15 after forms were removed and noted no major surface defects. Noted that tie-rod holes were packed with dry-pack mortar as required on W. Monos #13 & #15 after forms were removed, and that these monoliths were covered with wetted burlene blankets for curing. Observed finishers chipping on surfaces of W. Monos #168 thru #171. No rubbing of concrete surfaces due to extremely low temperatures.
CUTTING OFF EXISTING AZ-18 SHEET PILES: Observed Gill cutting off existing AZ-18 sheet piles at approx. elev. +5.25' between approx. EB/L Sta's 90+85 and 91+40.
STRUCTURAL EXCAVATION: Observed B&K excavating for stab slabs between approx. EB/L Sta's 91+55 & 91+70 to a bottom elev. of +2.20'. Excavated fill material placed on existing levee crown, and rip-rap placed on F/S of temporary cofferdam sheet piles at adjacent stations.
TEMPORARY COFFERDAMS: Observed B&K pulling temporary cofferdam piles from between EB/L Sta's 93+75 and 95+00.

(CONTINUED ON ATTACHED QA SUPPLEMENTAL REPORT)

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

NOTE: QAR was informed at 0900 hrs. on Mon., 05 Feb 96, that FL-400 blew-out late Sunday Night, 04 Feb 96, at approx. WB/L Sta. 80+00. Barnes Electric is scheduled to begin repairs to this feeder line on Wed., 07 Feb 96, by placing a temporary splice at that location.

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (~~time~~) 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	Civ. Engr., GS-11	3 hrs. (Thu)	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs. (Mon)	QAR

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

Checked and found oxygen/acetylene torch set being used on Mon., 05 Feb 96, to have properly installed anti-flow back check-valves.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE  ZANE D. BRYANT, JR.	DATE 06 FEB 96	SUPERVISOR'S INITIALS yw	DATE 2/12/96
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QUALITY ASSURANCE REPORT SUPPLEMENT
CONTRACT NO.: DACW29-94-C-0079

QAR# 279

DATE 01 thru 05 Feb 96

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:
(CONTINUED FROM ENG FORM 2538-2, DAILY LOG OF CONSTRUCTION)


TEMPORARY RELOCATION OF FEEDER LINES: Checked and found that Barnes Electric had relocated the existing feeder line FL-400, between approx. WB/L Sta's 75+80 and 84+65, from the existing floodwall to a location approx. 4' on the F/S of the new sheet piles.
QUALITY CONTROL: Contractor provided adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

NONE

REMARKS:

NONE


ZANE D. BRYANT, JR.
Inspector's Signature

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed concrete placement
for west side monolith #15. between Mirabeau
& Filmore Ave. Forms were braced & mortar
tight & concrete was placed using the bucket
& trammies. Concrete was then vibrated for
consolidation. Subcontractor began relocating
tender line FL-400 between Filmore & P.S. #4
on west side; test to follow if O.K.
All personnel wearing safety shoes & hard
hats on-site.

Instructions to COC/Remarks: None today.

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: 2/05/96

REPORT NO.: 350

SKIES: Clear + Cold

RAIN: 0

IN. TEMP.: 18° MIN 43° MAX

DUST: None

LEEVE CONDITION: Wet

CANAL GAUGE: (0.5) NOISE: Moderate

* TOO COLD FOR ANY CONCRETE WORK TODAY. WORK PERFORMED/LOCATION

2-3-96 Saturday NO WORK PERFORMED

2-4-96 Sunday NO WORK PERFORMED

2-5-96 Monday - B+K Construction - Wrecked forms at West Monoliths #13 and #15, then patched tie-bolt holes and covered these walls with burlene blankets. Set forms and top steel at West Mono. #17, and set canal side form at West Mono. #9. Performed structural excavation from East B Sta. 91+70 to sta. 91+55. Cut holes for rebar at East Mono. #75. Pulled Temporary Cofferdam sheet piles from East B Sta. 95+00 to sta. 93+75. Cement finishers worked on chipping and rubbing concrete walls, as they could not mix mortar today.

Gill's Crane Service - Cut off existing AZ-18 sheet piles at elev. +5.25 for I-Wall construction from East B Sta. 91+40 to Sta. 90+85.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS (APPROX.)	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	70	B+K Const.	Wrecking + setting up I-wall
12	Skilled	100	"	forms; Weather Protection for completed
2	Supt.	18	"	walls; Setting re-steel top mats;
1	Q.C. Rep.	6	"	structural excavation; Pulling
				Temp. Cofferdam Sheets; Cutting
				holes for rebar; Cement finishing
1	Skilled	4	Gill's Crane	(SEE ABOVE)
				→ Cutting off existing AZ-18
				Sheet Piles (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	ks	2	6	—
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	yes
Mantis 3612 Crane	—	yes	6	2	—
Koehring 405 Crane	—	yes	6	2	—
J.S.W. Excavator	—	No	0	8	yes
Welding Machine	—	yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.	—	yes	3	5	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected Temporary Cofferdams and Flood Protection today. Total gap opening today was 575' (East and West Banks combined). Sand bag dams and steel sheet piles were used to close off the ends of the Temp. Cofferdams on the East Bank. On the West Bank, existing MP-115 sheet piles were cut off at elev. +6.75' for Temp. Flood Protection (No closures were necessary here). No gaps or breaks below +6.75 were found.

Inspected stabilization slab and re-steel at West Mono's #17 and #9. Slab was cleaned and free of oil, dirt, or debris before setting forms. Re-steel was clean, free of oil, and only light rust scale was found on some bars. Spacing and bar count were correct, checked against the approved which steel shop drawings.

JOB SAFETY

checked torch operator for proper safety equipment on the East Bank today. Approved burning goggles were being worn by the torch operator, as well as a hard hat and steel toe boots. Anti-Flow Back Valves were in place on the torch and regulators as well.

REMARKS

100% Lost Production Today - Too Cold For any Concrete WORK.

NOTE: Feeder line FL-400 splice at approx. West B Sta. 80+00 failed over the weekend, according to the Orleans Sewerage & Water Board. Barnes Electric will repair this splice on Wednesday 2-6-96 with a temporary splice.

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

2-6-96
Date

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR				
Koehring 535 Crane	—	NO	0	8	None				
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	—					yes			
Mantis 3612 Crane	—					None			
Koehring 405 Crane	—								
J.S.W. Excavator	—								
Welding Machine	—								
Compressor + Sandblaster	—					↓	↓	↓	
Komatsu 200 ETC.	—					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 access gates - all were closed and locked.

checked public streets for dirt from our operations - No significant amount was found.

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

2-5-96
Date

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

DATE: 2/01/96

REPORT NO.: 348

SKIES: cloudy - Rain

RAIN: 1.4

IN. TEMP.: 39 MIN 50 MAX

DUST: None

LEVEE CONDITION: ^{Dry-AM} Wet-PM, CANAL GAUGE: (2.0) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Wrecked forms at East Mono. #77 and West Mono. #11 today. Patched tie-bolt holes and covered these two walls with wet Durkane blankets. Formed and poured concrete at East Mono. #76 and West Mono. #15, as well as stabilization Slab from East B sta. 92+20 to sta. 91+85. Welded #6 bond bars on top of AZ-18 sheet piles at East Mono. #76, and installed one bond cable at East Mono. Joint #75-74. Covered I-walls poured today for protection from weather. Prepared for high tide in the canal over the next 2 days. Cleaned mud off of Mirabeau Avenue today after trucks exited the jobsite. Cement finishers continued repairs on West Mono's #168 through #171, and completed repairs on East Mono #90 (Land Side only).
 Arcadia Rebar - Tied bttm. steel at East Mono. #76, and West Mono. #8. Pre-tied one top re-steel mat for future placement (East Bank), and two top mats for the West Bank.
 Barnes Electric - Temporarily relocated FL-400 feeder cable from West B sta. 75+80 to ± Sta 84+65; then tested the cable and splices for any possible damage. None was found - cable okayed by the S, & W. B. of New Orleans (Central Control).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	(HOURS Approx.)	COMPANY	LOCATION/WORK DESCRIPTION
15	Unskilled	145	B+K Const.	Wrecking & setting up I-wall forms;
13	Skilled	130	"	Placing I-wall and stab. slab concrete;
2	Supt.	20	"	Cathodic Protection work; Cement
1	Q.C. Rep.	10	"	finishing work on I-wall Monoliths;
				Cleaning streets and preparing for
				high tide & rain. (SEE ABOVE)
3	Skilled	12	Arcadia Rebar	Tying Reinforcing steel for
				I-wall (SEE ABOVE)
2	Skilled	16	Barnes Elect.	Temporary Relocation of FL-400
3	Unskilled	24	"	feeder cable (SEE ABOVE)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Koehring 535 Crane	—	No	0	8	—
Komatsu D37P Dozer	—	Yes	2	6	—
Kubota 151 Excavator	—	No	0	8	—
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	—	No	0	8	Yes
Mantis 3612 Crane	—	Yes	6	4	—
Koehring 405 Crane	—	Yes	6	4	—
J.S.W. Excavator	—	Yes	3	5	—
Welding Machine	—	Yes	2	6	—
Compressor + Sandblaster	—	No	0	8	—
Komatsu 200 Exc.	—	Yes	6	4	—

MATERIALS RECEIVED

Received 22 c.y. of concrete for the East Bank (19 c.y. in East Mon. #76, and 3 c.y. in Stab. slab), and 17 c.y. of concrete for West Mon. #15 today. All of this material was Lafarge Concrete Company's Mix Design #44-C.

TESTS PERFORMED

(As required by plans/specifications)

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

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Checked Barnes Electric's temporary feeder line relocation work today. Safety procedures for energy lock-out were adhered to strictly. Cable rollers were used to support FL-400 while brackets were removed, then rope hoists were used to lower the cable to the ground. Splices were held immobilized by special splice brackets. The feeder cable was moved approx. 8' away from the existing floodwall sheet piles, and is now clear of your work area for new I-wall. Testing of FL-400 by the Orleans Sewerage and Water Board revealed no faults in the cable.

Completed the pre-placement checklist for formwork re-steel and other embedded items on East Mono #76 and West Mono #15 today. Re-steel clearances on East Mono #76 had to be adjusted in two places before concrete placement could begin. No other deficient items were found on either monolith.

JOB SAFETY

A New extension cord was given to carpenter crew (East Bank) to replace one that showed wear. The old electrical extension cord was taken out of service.

FL-400 was deenergized and then tested prior to the power being turned back on today as per safety requirements.

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

2-2-96
Date

CHECK OUT FOR STRUCTURE REINFORCEMENT 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 # 15

LIFT NO. ONE

ELEVATION from 3.00 to 14.40

DATE OF POUR 2-1-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jmd	2-1-96	1:30			
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	2-1-96	1:30			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Jmd	2-1-96	1:35			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	Jmd	2-1-96	1:40			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmj	2-1-96	1:40			
CLEANLINESS	✓	"	"			
RELEASING AGENT	✓	"	"			
TIES AND BOLTS	✓	"	"			
LENGTH 28.85'	✓	"	"			
WIDTH 1.75'-1.00'	✓	"	"			
HEIGHT 11.40	✓	"	"			
WATERSTOPS	✓	"	"			
CHAMFER STRIPS	✓	"	"			
F. WEATHER PROTECTION	Jmj	2-1-96	1:45			
G. SAFETY (LIST)	Jmj	2-1-96	1:45			
1. Eye Protection	✓	"	"			
2. Ladder	✓	"	"			
3. Scaffold	✓	"	"			
H. OTHER CHECKS PER SPECIFIC JOB	Jmj	2-1-96	1:50			
FL-400 Anchors	✓	"	"			

I. EQUIPMENT USED	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Komatsu 200	1	Excavator	3:30	1.50				
Bucket	1	1.0 c.y.	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	Gasoline	"	"				

J. REMARKS SLUMP = 4" ; AIR ENTR. = 5.2% ; CONCRETE TEMPS = 56° ;
AIR TEMPS = 48° ; 3 Test Cylinders (LA-131)

FINAL CLEARANCE

CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: NONE PRESENT

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 REINFORCEMENT 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 # 76 LIFT NO. ONE ELEVATION from 2.50 to 14.40 DATE OF POUR 2-1-96

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	<i>Jmj</i>	2-1-96	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	<i>Jmj</i>	2-1-96	1:05			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
WATERJET (JOINT)	N/A	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	<i>Jmj</i>	2-1-96	1:10			
VERTICAL	✓	"	"			
HORIZONTAL	✓	"	"			
SPACING	✓	"	"			
CLEARANCES	✓	"	"			
STEEL SCHEDULE	✓	"	"			
SHOP DRAWINGS	✓	"	"			
TIE WIRES	✓	"	"			
#6 BAR WELDED	✓	"	"			
CLEANLINESS	✓	"	"			
WATERED	✓	"	"			
E. FORMWORK	<i>Jmj</i>	2-1-96	1:15			
CONDITION	✓	"	"			

ITEM	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)						
ALIGNMENT	Jmd	2-1-96	1:15			
CLEANLINESS	✓	"	"			
RELEASING AGENT	✓	"	"			
TIES AND BOLTS	✓	"	"			
LENGTH 28.35'	✓	"	"			
WIDTH 2.25'-1.00'	✓	"	"			
HEIGHT 11.90'	✓	"	"			
WATERSTOPS	✓	"	"			
CHAMFER STRIPS	✓	"	"			
F. WEATHER PROTECTION	Jmd	2-1-96	1:20			
G. SAFETY (LIST)	Jmd	2-1-96	1:20			
1. Eye Protection	✓	"	"			
2. Ladder	✓	"	"			
3. Scaffold	✓	"	"			
H. OTHER CHECKS PER SPECIFIC JOB	Jmd	2-1-96	1:20			
Exp. Material	✓	"	"			
FL-340 Anchors	✓	"	"			

I. EQUIPMENT USED	CONTRACTOR				C.O.E.			
	NO.	TYPE	TIME	HOURS	NO.	TYPE	TIME	HOURS
Mantis Crane	1	#3612	1:35	1.5				
Bucket	1	1.0 cy	"	"				
Vibrator	1	18' shaft	"	"				
Generator	1	gasoline	"	"				

J. REMARKS SLUMP = 4.0" ; AIR ENTR. = 4.8% ; CONCRETE TEMPS = 55° ;
AIR TEMPS = 49° ; 3 Test Cylinders (LA-131)

FINAL CLEARANCE
CONTRACTOR REPRS: Jerry M. Justice C.O.E. REPRS: NONE PRESENT

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: 2-1-96

Pour Location West I-Wall Monolith

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.	
306319	1:35	1:55	3.5	5 gal	4.0	53°	49	4.8	3	1:45	8
306325	2:00	2:25	3.5	5 gal	4.0	56°	49	-	-	2:10	8
306340	2:25	3:05	3.0	10 gal	4.5	55°	48	-	-	2:30	6
None	3:31	3:54	3.0	10 gal	4.0	56°	48	5.2	-	3:45	9
306365	4:05	4:55	3.0	8 gal	4.0	55°	46	-	-	4:20	8

Test Cylinder Set #LA-131

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

TECHNICIAN:
