

**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 *Approved*

REPORT NUMBER 213

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

DATE Friday
06 October 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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TEMPERATURE	
MINIMUM 60°	MAXIMUM 84°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 2-14.5	TOTAL 2-14.5	LABOR
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FEET 3.3'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-28	SKILLED 11-88	LABORERS 14-108	TOTAL 28-224
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
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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. - REINFORCED CONCRETE FLOODWALL; AZ-18 SHEET PILES
- b. Gill's Crane Service - STEEL SHEET PILES
- 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. Continuing to work on I-wall form; concrete finishers repairing W Monos #128, #129, #130 #131 and #132, F/S; sand blasting AZ-18 sheet piles; repairing silt fencing from E B/L Sta 70+25 to 84+50
- b. Drove CZ-101 sheet piles from E B/L Sta 72+88.50 to 70+26.25

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 04 and 05 Oct 95.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 40.9%
PERCENT TIME ELAPSED: 65.8%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- The following CQC inspections phases were attended this date:
- REINFORCED CONCRETE FLOODWALL: No instructions given.
 - PULL, CLEAN AND SALVAGE AZ-18 SHEET PILES: No instructions given.
 - STEEL SHEET PILES: No instructions given.
 - EROSION CONTROL: 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

The following QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed concrete finishers repairing and patching W Monos #128, #129, #130, #131 and #132, F/S. Defective areas were chipped out, holes and honeycombs were all filled in with mortar mix and rubbed smooth. Carpenters continuing to work on I-wall form for next reach of work.

PULL, CLEAN AND SALVAGE AZ-18 SHEET PILES: Observed contractor sand blasting AZ-18 sheet piles. Area blasted is a 12" strip between E B/L Sta 95+25 and 94+05, P/S.

EROSION CONTROL: Contractor began repairing silt fencing between E B/L Sta 70+25 and 84+50. Contractor excavated areas that needed to be repaired. New posts and fencing was installed to provide proper erosion control.

STEEL SHEET PILES: Observed contractor driving CZ-101 sheet piles, 21'-9" in length, from E B/L Sta 72+88.50 to 70+26.25. Sheets were driven from an elevation of +11.50 to +5.75'.

Sheet piles were previously at +11.50' due to Hurricane Opal, Emergency Breach Closure. Sheet piles were driven to an elevation of +5.00 at each monolith joint. Contractor used a Vibratory hammer to drive piles. Noted that alignment was within 0.20' of new I-wall C/L.

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

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

None.

CONTROVERSIAL MATTERS IN DETAIL.

None.

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

None.

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

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

NAMES	GOVERNMENT PERSONNEL ON SITE			DUTIES
	DESIGNATION		HRS. ON SITE	
Z. Bryant	Const. Insp. (GS-07)		07	QAR
J. Avettant	Const. Insp. (GS-04)		5.5	QAR

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

Observed contract personnel driving sheet piles were wearing hearing protection. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Zane D. Bryant

10 Oct 95

gcl

10/16/95

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

DATE: 10/06/95

REPORT NO.: 263

SKIES: Clear

RAIN: 0

IN. TEMP.: 60 MIN 84 MAX

DUST: None

LEEVE CONDITION: Damp CANAL GAUGE: (3.3) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B&K Construction - Carpenters worked on assembly of last I-wall form in the yard at Robert E Lee Jrd. Cement finishers patched and repaired Canal side surfaces of West Monoliths #128, 129, 130, 131, and #132. Sandblasted a 12" strip of coal tar off the AZ-18 sheet piles at elev. +5.25 for torch cutting, from East B sta. 95+25 to sta. 94+05 (Land Side Only). Laborers and operators worked on silt fence repair between East B sta. 70+25 and 84+50 (not completed yet). Also worked on Temporary Access Road between Filmore Avenue and Pumping Station #4 (East Bank). Worked on Temporary water line connections at Filmore Avenue as well. Set Grades for AZ-18 sheet pile cut off (East Bank - Filmore to P.S. #4).
- ② Gill's Crane Service - Drove down CZ-101 sheet piles from elev. +11.50 to elev. +5.75 (and to elev. +5.00 at each Mono. Joint) from East B sta. 72+88.50 to sta. 70+26.25. These were the Emergency Breach Closure sheets driven 10-1 and 10-2-95. The 11 pairs driven on 10-2-95 between E. B sta. 73+28.20 and 72+88.50 were already at the correct cut off elevation.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	B&K Const.	Building I-wall forms;
10	Skilled	80	"	Finishing I-wall concrete;
2	Supt	18	"	Sandblasting coal tar off AZ-18's;
1	O.C. Rep	10	"	Repairing silt fences; working on Temp Access Road; working on Temp Water Connections; setting Grades for sheet pile
1	Skilled	8	Gill's Crane	(see Above)
2	Unskilled	16	"	Driving CZ-101 sheets down from elev. +11.50 to the plan cut off elevations (see Location Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	4	4	—
Kubota 151 Excavator	—	NO	0	8	—
Compressor & Sandblaster	—	yes	7	1	—
Case 580 Backhoe #1	—	yes	3	5	—
ISUZU Flatbed Truck	—	yes	3	5	—
Koehring 535 Crane	—	yes	8	0	—
6" diesel pump	—	NO	0	8	—
MKT Vibro Hammer	—	yes	8	0	—
Fiat-Allis MotorGrader	—	yes	3	5	—
Mantis 3612 Crane	—	yes	2	6	—
JSW Excavator	—	yes	1	7	—
Welding Machine	—	NO	0	8	—
Case 580 Backhoe #2	—	yes	2	6	—
KOEHRING 405 Crane	—	yes	2	6	—

MATERIALS RECEIVED

Received 600 lb. of silt fence geotextile and 300 lb. of fence wire for silt fence repairs today. Also purchased 50 wooden fence posts to replace bent metal posts.

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

Inspected pile driving work done today on the East Bank. Previously driven CZ-101 sheet piles were driven down to elev. +5.75, except for one pair on each side of each Monolith Joint, where the cut off grade is +5.00. Piles were plumb each way within $\frac{1}{8}$ " per foot. Alignment was correct within 0.20' of New I-Wall C. All interlocks were engaged for the full length of the piles. The M.K.T. V-5 Vibratory Hammer was used to accomplish this work. No damage was done to the CZ-101 sheets or any existing structures.

Also checked the erosion control (silt fence) work done today. The soil was excavated away from the fence in repair areas. Then the new fence and posts were installed, and new geotextile material was attached to the hog wire. Fence posts were also braced off as needed to prevent future fence failure.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked the V-5 hammer for any loose or worn parts. The jaws on the hammer had some amount of slack in them and they will be sent in for repairs as soon as the sheet pile tie-in at Thirabeau (East Bank) is complete.

Checked the canal water for any sign of pollution. No pollution was observed due to any activities of the contractors on this job.

(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

10-9-95
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 212

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

DATE Thursday 05 October 1995

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 and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %
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TEMPERATURE	
MINIMUM 60°	MAXIMUM 86°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-1			2-16	3-17	

Canal RIVER STAGE	
FEET 3.6'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-24	10-80	11-84	24-188	0730 M	1630 M	M	M	M	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. - PEDESTRIAN BRIDGE GAP CLOSURE; REINFORCED CONCRETE; SHEET PILES
- b. Gill's Crane Service - STEEL SHEET PILES
- 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. Carpenters wrecked forms at W/B pedestrian bridge, formed up E/B pedestrian bridge gap closure; concrete finishers repaired W Monos #123, #124, #125, #126 and #127 F/S; sand blasting AZ-18 sheet piles from E B/L Sta 96+35 to 95+25
- b. Drove new CZ-101 sheet piles from E B/L Sta 73+28.20 to 72+88.50.

Days of no work and reasons for same:

100% of days lost due to adverse weather/wet ground conditions on 03, 04 and 05 Oct 95.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%

PERCENT TIME ELAPSED: 65.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

The following CQC Inspection Phases were attended this date:
 PEDESTRIAN BRIDGE GAP CLOSURE: No instructions given.
 REINFORCED CONCRETE FLOODWALL: No instructions given.
 PULL, CLEAN AND SALVAGE AZ-18 SHEET PILES: No instructions given.
 STEEL SHEET PILES: 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

The following QA Inspections Phases were performed this date:

PEDESTRIAN BRIDGE GAP CLOSURE: Observed contractor wrecked forms at the West Bank pedestrian bridge gap closure. Contractor formed up the East Bank pedestrian bridge gap closure to be on another day.

REINFORCED CONCRETE FLOODWALL: Contractor continued to work on I-wall forms this date in preparation for next reach of work. Concrete finishers patched and repaired W Monos #123, #124, #125, #126 and #127, F/S. Defective areas and holes were chipped out, filled in with mortar mix and rubbed smooth by finishers.

PULL, CLEAN AND SALVAGE AZ-18 SHEET PILES: Observed contractor sand blasting AZ-18 sheet piles from E B/L Sta 96+35 to 95+25, P/S. Contractor is blasting a 12" strip at an elevation of +5+25.

STEEL SHEET PILES: Observed contractor driving CZ-101 sheet piles from E B/L Sta 73+28.20 to 72+88.50. Contractor drove 22 pieces at 21' 9" in length. Sheets were driven in accord with the cut off grade specified in the contract drawings.

QUALITY CONTROL: Contractor is providing adequate quality control.

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 requested 100% of day lost due to wet ground conditions. Work performed today was incidental.

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	Proj Engr (GS-11)	01	PE
Z. Bryant	Const Insp (GS-07)	07	QAR
J. Avettant	Const Insp (GS-04)	07	QAR

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

Observed concrete finishers wearing protective equipment including hard hats, safety shoes, safety glasses and gloves. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Zane D. Bryant

10 Oct 95

ZB

10/14/95

QUALITY ASSURANCE REPORT SUPPLEMENT**QA Inspections Performed & Results:**

Observed personnel begin sand blasting of coal tar epoxy paint that is necessary for cutting sheet piling between Filmore Ave + Pumping Sta. #4. Coal tar paint + sand blasting material still must be removed from site. Finishers continuing to repair & fill air holes on previously placed walls.

Instructions to COC/Remarks:

None given.

Chris Wagner
Name

Proj Engr
Title

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	yes	3	5	—
Compressor + Sandblaster	—	yes	6	2	—
Case 580 Backhoe #1	—	yes	3	5	—
ISUZU Flatbed Truck	—	NO	0	8	—
Koehring 535 Crane #1	—	NO	0	8	—
6" diesel pump	—	NO	0	8	—
MKT Vibro Hammer	—	No	0	8	—
Fiat-Allis MotorGrader	—	NO	0	8	—
Mantis 3612 Crane	—	yes	2	6	—
KOMATSU EXC. 200 #2 and EMV-300 hammer	—	yes	3	5	—
Case 580 BACKHOE #2	—	yes	2	6	—
WELDING MACHINE	—	NO	0	8	—
KOEHRING 535 CRANE	Removed	←—————→			
KOEHRING 405 CRANE	—	NO	0	8	—
J.S.W. excavator	—	yes	1	7	—

MATERIALS RECEIVED

NONE RECEIVED

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED

INSPECTIONS PERFORMED

Inspected the finishing work done on the West Bank I-wall Monoliths today. The Land Side had already been finished previously. The Canal sides of West Monoliths #123 through #127 were patched with mortar mix, which was one part cement and two and a half parts fine aggregate (Mason's Sand). White and grey portland cements were blended together to match the color of the existing I-wall concrete. Air holes, voids, and honeycombs were chipped out and packed with mortar mix. Defective concrete surfaces (such as ridges, form joint lines, etc.) were also chipped down and smoothed over with mortar mix. The finished surfaces were acceptable, and ready for application of cementitious paint, subject to final approval by the Government Inspectors.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked cement finishers scaffolds, and found some walkboards cracked and worn. I ordered more 2x12 walkboards, and instructed the finishing crew not to use the defective boards.

Checked laborers working on silt fence repair for proper personal protection. These workers were wearing hard hats, steel toe boots, (and safety glasses as needed).

REMARKS

(Instructions received, miscellaneous remarks)

We are requesting 100% of today's production lost due to wet soil conditions on the Temp. Access Roads. The work performed today was incidental, and wet conditions prohibited any work on contract pay items.

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

10-6-95
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
211

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

DATE Wednesday
04 October 1995

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, windy and rainy

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 0%	BORROW EXCAVATION 0%	EMBANKMENT 0%	CONCRETE 0%	STRUCTURE 0%
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TEMPERATURE	
MINIMUM 66°	MAXIMUM 82°

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

24 HOUR PRECIPITATION	
INCHES 1.5"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE	
FEET 4.0'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3-12	7-7	7-7	17-26

NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
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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. - NO WORK PERFORMED THIS DATE.
- b. _____
- c. _____

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

No work performed this date due to rain and wet ground conditions.

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 03 and 04 Oct 95.

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

No progressive work was performed this date due to adverse weather conditions.

DATE SET FOR COMPLETION: 09 MAY 96 PERCENT PROJECT COMPLETE: 39.7%
PERCENT TIME ELAPSED: 65.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

No CQC Inspection Phases this date due to adverse weather.

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

No QA inspections performed this date. Contractor did not work due to adverse weather.

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: Due to Hurricane Opal, some contract personnel and equipment are on standby, until storm threat has passed.

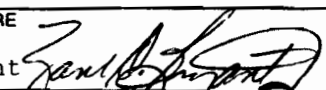
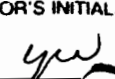
Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

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)	07	QAR

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

Ensured that loose debris was weighed down and there was no trash in Robert E. Lee yard that could be blown around by strong winds. No safety infractions noted this date.

INSPECTOR'S SIGNATURE Zane D. Bryant 	DATE 10 Sep 95	SUPERVISOR'S INITIALS 	DATE 10/16/95
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EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	-	~	STANDBY	~	~
Komatsu D37P Dozer	-	~	STANDBY	~	~
3" Trash Pump	Rental	~	STANDBY	~	~
Compressor + Sandblaster	-	~	~	~	~
Case 580 Backhoe #1	-	~	STANDBY	~	~
ISUZU Flatbed Truck	-	~	STANDBY	~	~
Koehring 535 Crane #1	-	~	STANDBY	~	~
6" Diesel Pump	-	~	STANDBY	~	~
MKT Vibro Hammer	-	~	STANDBY	~	~
Fiat-Allis MotorGrader	-	~	~	~	~
Mantis 3612 Crane	-	~	~	~	~
KOMATSU EXC. 200 #2 and EMU -300 Hammer	-	~	~	~	~
Case 580 BACKHOE #2	-	~	~	~	~
WELDING MACHINE	-	~	~	~	~
KOEHRING 535 CRANE	-	~	STANDBY	~	~
KOEHRING 405 CRANE	-	~	STANDBY	~	~
JSW Excavator	-	~	~	~	~

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

INSPECTIONS PERFORMED

one performed Today.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked yard for loose debris or materials that might become a projectile if high winds hit our area. Materials were stacked, weighted down, or held down by backhoe buckets.

No trash or debris was found in the yard - it was all removed yesterday.

REMARKS

(Instructions received, miscellaneous remarks)

Waiting for Hurricane Opal to make landfall. Men and equipment are on standby until the storm threat is over.

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

10-5-95
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
210

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

DATE Tuesday
03 October 1995

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

TEMPERATURE

STRUCTURAL EXCAVATION 0%	BORROW EXCAVATION 0%	EMBANKMENT 0%	CONCRETE 0%	STRUCTURE 0%
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MINIMUM 62°	MAXIMUM 86°
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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 1.0" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 1-4	OFFICE	LAYOUT	INSPECTION 1-9.5	TOTAL 2-13.5	LABOR
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FEET 3.6'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-24.5	SKILLED 10-52	LABORERS 12-42	TOTAL 25-118.5	FROM 0700 M	TO 1730 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. - REINFORCED CONCRETE FLOODWALL; EMERGENCY BREACH CLOSURE
- b. _____
- c. _____

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

- a. Poured W Bank pedestrian bridge gap closure at Robert E. Lee; added more sandbags at W B/L Sta +102+20; mobilized 6" diesel pump at Mirabeau Avenue, E/B; hauled off trash and debris

Days of no work and reasons for same:

100% of day lost due to adverse weather/wet ground conditions on 03 Oct 95.

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

Progressive work was scheduled and performed by B&K this date, also, Emergency Breach Closure was performed. See attached CQC report.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%
PERCENT TIME ELAPSED: 65.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspections this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
EMERGENCY BREACH CLOSURE: 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

The following follow-up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed contractor poured concrete at the pedestrian bridge gap closure on Robert E. Lee, W/B. Rebar was placed and tied in accordance with approved drawings. Concrete was well vibrated during placement.

EMERGENCY BREACH CLOSURE: Observed contractor added more sand bags at W B/L Sta 102+20. Contractor mobilized a 6" diesel pump. Pump was set up at Mirabeau Avenue, E/B between temporary and permanent steel sheet piles in case the structural excavation area fills up with water. Observed contractor hauled off trash and debris that was located at the Robert E. Lee yard in case strong winds from the hurricane affect the area. Contractor, also, tied down materials that may be affected by the wind.

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.

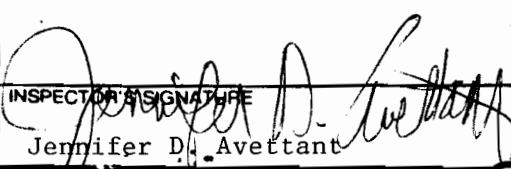

Contractor's Quality Control Report (submitted/~~not submitted~~) for this (date/~~period~~).

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

NAMES	GOVERNMENT PERSONNEL ON SITE		HRS. ON SITE	DUTIES
	DESIGNATION			
C. Wagner	Proj Engr	(GS-11)	04	PE
J. Avettant	Const Insp	(GS-04)	8.5	QAR

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

Observed contractor disposed of debris and tied down materials that may be thrown about by strong winds, due to hurricane. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE  Jennifer D. Avettant	DATE 6 Oct 95	SUPERVISOR'S INITIALS 	DATE 10/12/95
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QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed contractor personnel setting + installing 6" pump near Mirabaco Ave in case of high water due to Hurricane Opal. Another 3" pump is to be set up outside of shafts in structural excavation trench to pump out seepage water that occurs thru shafts. Also observed personnel removing trash + debris + tying down equipment + objects that might be scattered due to high winds.

Instructions to COC/Remarks:

N/A.

Chris Wagner
Name

Proj Engr
Title

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

DATE: 10 / 03 / 95

REPORT NO.: 260

SKIES: Cloudy - Rain

RAIN: 1.0"

IN. TEMP.: 62 MIN 86 MAX

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE: (3.6) NOISE: minimal

WORK PERFORMED/LOCATION

B+K Construction - Poured concrete at the West Bank Pedestrian Bridge Gap Closure on Robert E. Lee Blvd. at 7:30 AM today. Added more sandbags to the bags placed yesterday on the West Bank at B Station ± 102 ± 20. Mobilized a company-owned 6" diesel pump to the East Bank at Mirabeau Avenue, and set this up, in case the structural excavation fills up with flood waters. Hauled off the trash and debris piled up in the yard at Robert E. Lee Blvd, to prevent strong winds from scattering this debris.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	42	B+K Const.	Pouring concrete for Pedestrian
10	Skilled	52	"	Bridge Gap Closure; Adding sand-
2	Supt.	16	"	bags to Gap Closures; Mobilizing
1	Q.C. Rep	8.5	"	and setting up a 6" diesel
				pump; hauling off trash and
				debris; securing materials,
				in the yard at R.E. Lee Blvd.

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	—
Komatsu D37P Dozer	—	No	0	8	—
3" Trash Pump Compressor & Sandblaster	Rental —	No No	standby 0	8 8	— —
Case 580 Backhoe #1	—	Yes	2	6	—
ISUZU Flatbed	—	Yes	5	3	—
Koehring 535 Crane #1	—	No	0	8	—
MKT Vibro Hammer	—	No	0	8	—
Fiat-Allis Motor Grader	—	No	0	8	—
Mantis 3612 Crane	—	No	0	8	—
KOMATSU EXC. 200 #2 and EMU-300 hammer	—	No	0	8	—
Case 580 BACKHOE #2	—	Yes	2	6	—
WELDING MACHINE	—	No	0	8	—
KOEHRING 535 CRANE	—	No	0	8	—
KOEHRING 405 CRANE	—	No	0	8	—
J.S.W. Excavator	—	No	0	8	—

MATERIALS RECEIVED

Received 1.5 cubic yards of concrete Mix #44-C from Lafarge Concrete Co. today. Placed this material in the Gap Closure at the Robert E. Lee Pedestrian Bridge (West Bank). Closing all gaps in an emergency situation for Hurricane "Opal".

TESTS PERFORMED

(As required by plans/specifications)

No Tests Performed.

Inspect: the concrete work done on the Pedestrian Bridge Gap Closure (West Bank, Robert E. Lee Blvd.). #4 rebar dowels were grouted into pre-drilled 1'-0" deep holes in the top of the existing wall. Horizontal rebars were placed (2 each face, top and bottom), and tied to each vertical bar. Top of concrete matched the top of existing wall grade. 1/2" expansion material was placed against each end of the wall piece, against the existing concrete. Concrete mix #44-C was placed, vibrated, and finished in the same fashion as new T-walls.

JOB SAFETY

(Note inspection, violations/actions taken)

Stacked lumber and other materials, then weighted these stacks down or tied them down to prevent wind from blowing these items around.

checked public streets - no streets were blocked by contractor's equipment or trucks. No debris was found on the public streets.

REMARKS

(Instructions received, miscellaneous remarks)

We have prepared for Hurricane Opal as much as possible, and now we are waiting on standby for any further developments.

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

10-4-95

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
209

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

DATE Monday
02 October 1995

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 and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 0 %	BORROW EXCAVATION 0 %	EMBANKMENT 0 %	CONCRETE 0 %	STRUCTURE 0 %
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TEMPERATURE	
MINIMUM 66°	MAXIMUM 88°

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 2-10	OFFICE	LAYOUT	INSPECTION 2-19	TOTAL 4-29	LABOR
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Canal RIVER STAGE	
FEET 3.6'	TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-36	SKILLED 13-113	LABORERS 14-110	TOTAL 30-259
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
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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. - No Progressive Work This Date. Emergency Breach Closure.
- b. Gill's Crane Service - No Progressive Work This Date. Emergency Breach Closure.
- 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. Worked on Emergency Breach Closure for the East Levee.
- b. Worked on Emergency Breach Closure for the East Levee by driving CZ-101 sheet piles from E B/L Sta 70+39.40 to 70+24.70.

Days of no work and reasons for same:

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

No progressive work was performed this date. However, B&K and Gill worked on Emergency Breach Closure for the East Levee. See attached CQC report.

DATE SET FOR COMPLETION: 09 MAY 96 PERCENT PROJECT COMPLETE: 39.7%
PERCENT TIME ELAPSED: 65.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase this date:
EMERGENCY BREACH CLOSURE: No instructions given.
REINFORCED CONCRETE FLOODWALL: No instructions given.

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

The following QA Inspections were performed this date:

EMERGENCY BREACH CLOSURE: Observed contractor stabbed and drove CZ-101 sheet piles from E B/L Sta 70+39.40 to 70+24.70. Corners pieces and tie-in sheets were also driven at Mirabeau Avenue to close the flood protection. Observed contractor closed two gaps in the existing AZ-18 floodwall at the East Bank levee between Pumping Station #4 and Filmore Avenue. Contractor provided watertight protection to an elevation of +11.50 by welding tie-in sheets together at approximately E B.L Sta. 70+23 and 72+90. Observed contractor backfilled area between E B/L Sta 73+00 and 70+20 with existing clay material to an elevation of +4.00 against the CZ-101 sheet piles, P/S. Observed contract personnel sand bagging at the end of the new I-wall, at W B/L Sta 102+20, to required elevation of +11.50.

REINFORCED CONCRETE FLOODWALL: Noted that concrete finishers patched W Monos #121 and #122, F/S. Defective areas were chipped out, filled in with mortar mix and rubbed smooth by concrete finishers.

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

None.

CONTROVERSIAL MATTERS IN DETAIL.

None.

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

None.

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

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

NAMES	GOVERNMENT PERSONNEL ON SITE			DUTIES
	DESIGNATION		HRS. ON SITE	
D. Duhon	Supv Civ Engr (GS-12)		04	SCE
C. Wagner	Civ Engr (GS-11)		06	PE
Z. Bryant	Const Insp (GS-07)		11	QAR
J. Avettant	Const Insp (GS-04)		07	QAR

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

Observed contract personnel in the vicinity of CZ-101 sheet piles being driven wearing hard hats and protective hearing equipment.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Zane D. Bryant

06 Oct 95

[Signature]

10/12/95

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Observed personnel continuing
to down permanent sheet piling as part
of Emergency Breach Closure operations.
Contractor completed tie-ins by welding sheet
piling together + backfilled to cl. 4.0'
behind the sheets. Additional sand bagging
was done to fortify any low spots as
well as the tie-ins.

Instructions to COC/Remarks: None given

Chris Wagner
Name

Proj Engr
Title

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

DATE: 10/02/95

REPORT NO.: 259

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 66 MIN 88 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (3.6) NOISE: Moderate

WORK PERFORMED/LOCATION

① B+K Construction - Night crew worked until 7:00 AM, then Monday morning's day crew took over the Breach Closure work. CZ-101 Sheet piles were stabbed, as well as corners and tie-in pcs. at Mirabeau Avenue. Welded two gaps shut in the existing AZ-18 Floodwall at East Bank, between Pump. Sta. #4 and Filmore Avenue. Welded tie-in sheets together at East B Sta. 70+23 and 72+90 (approx.) to provide watertight protection to elev +11.50. Backfilled with existing clay material to elev. +4.00 against the Land Side of the CZ-101 sheet piles between sta. 73+00 and 70+20. Added sand bags to elev. +11.50 at West B Sta. 102+20 (at the end of new I-wall), and at the Pedestrian Bridge Gap on the East Bank at Robert E. Lee Blvd. The Pedestrian Bridge Gap at Robert E. Lee Blvd West Bank was formed up, and concrete will be poured tomorrow here. Cement finishers patched Canal Sides of West Man's #121 and #122.

② Gill's Crane Service - Drove CZ-101 sheets down to elev. +11.50 for Emergency Breach Closure from East B Sta. 70+39.49 to Sta. 70+24.79, as well as the corner piece and tie-in sheets to close the flood protection at Mirabeau Avenue.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	90	B+K Const.	Working on tie-ins to existing flood protection; Sand bagging low areas in flood protection up to elev. +11.50; Backfilling against CZ-101 sheets to elev. +4.00; Closing gaps at Pedestrian Bridges; Finishing I-wall. (See Above)
10	Skilled	95	"	
2	Supt.	26	"	
1	Q.C. Rep.	10	"	
3	Skilled	18	Gill's Crane	Driving CZ-101 sheets and Tie-in pieces on the East Bank for Emergency Breach Closure (See Above)
2	Unskilled	20	"	

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	YES	12	0	—
Komatsu D37P Dozer	—	YES	2	10	—
3" Trash Pump	Rental	NO	0	12	"STANDBY"
Compressor + Sand blaster	—	NO	0	8	—
Case 580 Backhoe #1	—	YES	5	3	—
ISUZU Flatbed Truck	—	YES	8	4	—
Koehring 535 Crane #1	—	yes	8	4	—
MKT Vibro Hammer	—	yes	0	12	Hose Broke
MKT V-5 Hammer	Rental	yes	12	0	—
Welding Machine	Rental	yes	8	4	—
Fiat Allis Motor Grader	—	yes	2	10	—
mantis Crane	—	NO	0	8	—
Light Towers (2 each)	—	yes	14 (7 each)	0	—
KOMATSU EXC. 200 #2 and EMY-300 hammer	—	yes	4	4	—
Case 580 BACKHOE #2	—	yes	5	3	—
WELDING MACHINE	—	yes	4	4	—
KOEHRING 535 CRANE	—	NO	0	8	—
KOEHRING 405 CRANE	—	yes	16	0	—
J.S.W, Excavator	—	yes	2	10	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

None Performed Today

Inspected the welding done at the tie-ins to existing floodwall. At E. B. Sta. $\pm 70+23$, a 3" piece of channel iron was used to fill the gap between the existing A2-18 sheets and the CZ-101 sheet pile connection pieces. Welds were continuous 100% welds, from the top of these sheets (elev. $+11.50$) to ground elevation (elev. $+3.00$). At E. B. Sta. $\pm 72+90$, the A2-18 sheet was welded directly to the new CZ-101 sheet, as they were in direct contact with each other. At East B. Sta's $99+30$ and $95+60$, the A2-18 pcs previously cut out to elev. 6.75 were replaced (interlocked), and welded 100% along the torch cut line. All 4 of these locations were waterproofed satisfactorily.

Checked sand-bagging jobs at West B. Sta. $\pm 102+20$ and \pm East B. $119+30$. These gaps were sand bagged adequately up to elev. $+11.50$. Visqueen was placed around the sandbags on the canal side, and secured with more sandbags on top.

The only gap left to close up will be poured in concrete tomorrow at 7:00 AM (Fed. Bridge gap at West Bank, Robert E. Lee Blvd.).

JOB SAFETY

(Note inspection, violations/actions taken)

Light towers were provided and used from midnight to daylight, to make the work area safer, as well as operation of cranes and pile driving work.

Fresh operators and pile drivers were brought in at 7:00 AM today, to replace the previous crew that had worked through the night.

REMARKS

(Instructions received, miscellaneous remarks)

Rented a 3" pump, a welding machine, an M.K.T. V-5 hammer, and 2 Light towers for the Emergency Breach Closure work. The Isuzu Flatbed Truck was also brought on the job to haul the vibratory hammer and bring the 6" diesel pump from Mandeville to the jobsite.

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

10-3-95

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
208

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

DATE Saturday and Sunday
30 Sep and 01 Oct 1995

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 and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

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

TEMPERATURE	
MINIMUM	MAXIMUM
65°	88°

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
2-19.5			1-2	3-21.5	

Canal RIVER STAGE	
FEET	TIME
4.0'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
4-39	8-63.5	4-48	16-150.5

NUMBER OF SHIFTS

1 2 3

FROM	TO	FROM	TO	FROM	TO
1500 M	2400 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. - No Progressive Work This Period. Emergency Breach Closure.
- b. Gill's Crane Service - No Progressive Work This Period. Emergency Breach Closure.
- 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. Worked on Emergency Breach Closure for the East Levee from E B/L Sta. 72+88.50 to E B/L Sta. 70+39.40.
- b. Worked on Emergency Breach Closure for the East Levee by driving sheet piles from E B/L Sta. 72+88.50 to 70+39.40.

Days of no work and reasons for same:

50% of days lost due to adverse weather/wet ground conditions on 13 Sep 95.

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

No progressive work was performed this period. However, B&K and Gill worked on Emergency Breach Closure for the East Levee.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%

PERCENT TIME ELAPSED: 65.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase on Sun., 01 Oct 95:
EMERGENCY BREACH CLOSURE: See "Verbal Instructions" on back of this report.

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

The following QA Inspections were performed on Sun., 01 Oct 95:

EMERGENCY BREACH CLOSURE: Contractor mobilized 2 V-5 hammers, 1 owned by contractor and one rented hammer as a back-up, at East Bank levee at Mirabeau. Contractor drove sheet piles from E B/L Sta. 72+88.50 to 70+39.40 to an elevation of +11.50'. Observed B&K stabbed the sheet piles and Gill drove these sheets to the required elevation of +11.50'. Observed contractor stabbed 2 sheets of CZ-101 sheet piles at E B/L Sta. 72+88 to make a tie-in to the existing floodwall. The sheet piles driven were CZ-101, 21'-9" piles.

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

At approximately 1030 hrs on 01 Oct 1995, Area Engineer, Chester Ashley, instructed B&K's Supt. Mike Tassin to begin driving permanent CZ-101 sheet piles on new I-Wall Alignment to elevation +11.50" between E B/L Sta. 70+26.77 and 72+95. Mr. Tassin agreed to concur with these instructions.

CONTROVERSIAL MATTERS IN DETAIL.

None.

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

NOTE: Work on the Emergency Breach Closure Plan began at approx. 1300 hrs on 01 Oct 95, due to the impending approach of Hurricane Opal.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Duhon	Supv Civ Engr (GS-12)	06	SCE
C. Wagner	Proj Civ Engr (GS-11)	13.5	PE
Z. Bryant	Const Insp (GS-07)	02	QAR

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

Observed contractor set up bright lights for night work. No safety infractions noted this this date.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Zane D. Bryant

05 Oct 95

GW

10/12/95

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	—
Komatsu D37P Dozer	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
3" Trash Pump	Rental	No	0	8	—
Case 580 Backhoe #1	—	No	0	8	—
Koehring 535 Crane	—	No	0	8	—
MKT Vibro Hammer	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	No	0	8	—
KOMATSU EXC. 200 #2 and EMU-300 Hammer	—	No	0	8	—
Case 580 BACKHOE #2	—	yes	1	7	—
WELDING MACHINE	—	No	0	8	—
KOEHRING 535 CRANE	—	No	0	8	—
KOEHRING 405 CRANE	—	No	0	8	—
JSW Excavator	—	No	0	8	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

Temporary Cofferdams (Flood Protection) were inspected today. Protection to elev. +6.75 was complete in all locations where construction had removed existing protection, including tie-ins to existing floodwalls. Some leakage was observed coming through the temporary sheet pile interlocks; however it was not a substantial amount at this time. Pumps are on standby, should it become necessary to pump water out of the structural excavation and back into the canal.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked public streets - no dirt or debris from the contractor's equipment was found. No streets were blocked (fully OR partially) by equipment, trucks, or materials.

REMARKS

(Instructions received, miscellaneous remarks)

We have not yet received instructions from the Government to close the gap in flood protection (up to elev. +11.50). This directive may well be forthcoming at any time, and we (B&K Construction Company) are ready to act when and if the directive is handed down.

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

10-2-95
Date

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

DATE: 10/01/95

REPORT NO.: 258

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 66 MIN 88 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (3.6) NOISE: moderate

Sunday

WORK PERFORMED/LOCATION

EMERGENCY BREACH CLOSURE WORK

- ① B+K Construction - Mobilized our company-owned M.K.T. V-5 hammer to mirabeau, East Bank. Rented and mobilized a 2nd V-5 hammer for a back-up, just in case of equipment breakdown. Stabbed C2-101 sheet piles between East E Sta. 72+88.50 and Sta. 70+39.40 on E of new I-wall. Stabbed two pcs. of AZ-18 sheet piles (19' Long each) to make tie-in to existing floodwall at ± E. E Sta. 72+88. Provided lights, meals and other support for work crews going on through the night. Performed structural excavation from E. E Sta. 71+00 to 70+22. Set E stakes for C2-101 sheet piles from E. E Sta. 71+50 to 70+25.
- ② Gill's Crane Service - Drove C2-101 sheet piles down with V-5 hammer to elev. +11.50, as requested by the Corps of Engineers, to provide Emergency Breach Closure. These sheet piles were located between E. E Sta. 72+88.50 and Sta. 70+39.40; same as shown above stabbed by B+K Const. crew.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	24	B+K Const.	Mobilizing men and equipment for
3	Skilled	35.5	"	Emergency breach closure; Stabbing
1	Supt.	12	"	C2-101 sheet piles and AZ-18's
1	QC. Rep	12	"	for Breach Closure; setting up
1	Proj. Manager	12		lights for night work; performing
				structural excavation; providing layout
				and Grade Control for Sheet Piling Work.
3	Skilled	20	Gill's Crane	
2	Unskilled	24	"	Driving C2-101 Sheet piles
				to elev. +11.50 for Emergency
				Breach Closure.

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	8	4	—
Komatsu D37P Dozer	—	yes	2	10	—
3" Trash Pump	Rental	NO	— 2 standby —		—
Compressor + Sand-blaster	—	NO	0	8	—
Case 580 Backhoe #1	—	yes	3	9	—
ISUZU Flatbed Truck	Arrived	yes	6	6	—
Koehring 535 Crane #1	—	yes	10	2	—
MKT Vibro Hammer	—	yes	10	2	—
MKT V-5 Hammer	Rental	NO	— Standby —		—
Fiat-Allis MotorGrader	—	yes	2	10	—
mantis Crane	—	No	0	12	—
Light Towers (2 each)	Rental	yes	12 (6 each)	0	—
KOMATSU EXC. 200 #2 and Emv-300 Hammer	—	NO	0	12	—
Case 580 BACKHOE #2	—	yes	6	6	—
WELDING MACHINE	—	NO	0	12	—
KOEHRING 535 CRANE	—	NO	0	12	—
KOEHRING 405 CRANE	—	yes	10	2	—
J.S.W. Excavator	—	NO	0	12	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

Inspector the C2-101 sit piles driven today and tonight for proper alignment and plumbness. E of I-wall stakes were set, and a 40' steel driving template was then used to keep piles on proper alignment. Plumbness was checked on each piling pair, and found to be within $\frac{1}{8}$ " per foot in both directions. All interlocks were fully engaged on each piling. No defects in materials were noted.

Emergency Breach closure work, as ordered by the Corps of Engineers before noon today, was not completed by midnight. However, work continued through the night, and tomorrow morning's fresh crew will finish the pile driving and weld tie-in pieces in place.

Laser level was used on each pile to insure protection to the required elev. of +11.50.

JOB SAFETY

(Note inspection, violations/actions taken)

Hard hats and steel toe boots were worn by all employees. Light towers were set up at each end of the work area to provide lighting for workers to find footing, and check rigging of piles. Replacement operators were provided to keep a fresh, alert man behind the controls of the two cranes being used.

REMARKS

(Instructions received, miscellaneous remarks)

Work continued around the clock and was continuous until work on breach closure was completed. (see continuation on tomorrow's report.)

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

10-2-95
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
208

TO Area Engineer, COPY TO: XXXXXXXXXX
CELMN-CD-NO CELMN-CD

DATE Saturday and Sunday
30 Sep and 01 Oct 1995

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 and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 65°	MAXIMUM 88°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY 2-19.5	OFFICE	LAYOUT	INSPECTION 1-2	TOTAL 3-21.5	LABOR
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FEET 4.0'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 4-39	SKILLED 8-63.5	LABORERS 4-48	TOTAL 16-150.5	FROM 1500 M	TO 2400 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. - No Progressive Work This Period. Emergency Breach Closure.
- b. Gill's Crane Service - No Progressive Work This Period. Emergency Breach Closure.
- 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. Worked on Emergency Breach Closure for the East Levee from E B/L Sta. 72+88.50 to E B/L Sta. 70+39.40.
- b. Worked on Emergency Breach Closure for the East Levee by driving sheet piles from E B/L Sta. 72+88.50 to 70+39.40.

Days of no work and reasons for same.

50% of days lost due to adverse weather/wet ground conditions on 13 Sep 95.

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

No progressive work was performed this period. However, B&K and Gill worked on Emergency Breach Closure for the East Levee.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%
PERCENT TIME ELAPSED: 65.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phase on Sun., 01 Oct 95:
EMERGENCY BREACH CLOSURE: See "Verbal Instructions" on back of this report.

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

The following QA Inspections were performed on Sun., 01 Oct 95:

EMERGENCY BREACH CLOSURE: Contractor mobilized 2 V-5 hammers, 1 owned by contractor and one rented hammer as a back-up, at East Bank levee at Mirabeau. Contractor drove sheet piles from E B/L Sta. 72+88.50 to 70+39.40 to an elevation of +11.50'. Observed B&K stabbed the sheet piles and Gill drove these sheets to the required elevation of +11.50'. Observed contractor stabbed 2 sheets of CZ-101 sheet piles at E B/L Sta. 72+88 to make a tie-in to the existing floodwall. The sheet piles driven were CZ-101, 21'-9" piles.

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

At approximately 1030 hrs on 01 Oct 1995, Area Engineer, Chester Ashley, instructed B&K's Supt. Mike Tassin to begin driving permanent CZ-101 sheet piles on new I-Wall Alignment to elevation +11.50" between E B/L Sta. 70+26.77 and 72+95. Mr. Tassin agreed to concur with these instructions.

CONTROVERSIAL MATTERS IN DETAIL.

None.

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

NOTE: Work on the Emergency Breach Closure Plan began at approx. 1300 hrs on 01 Oct 95, due to the impending approach of Hurricane Opal.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Duhon	Supv Civ Engr (GS-12)	06	SCE
C. Wagner	Proj Civ Engr (GS-11)	13.5	PE
Z. Bryant	Const Insp (GS-07)	02	QAR

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

Observed contractor set up bright lights for night work. No safety infractions noted this this date.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Zane D. Bryant

05 Oct 95

gw

10/12/95

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed contractor + subcontractor
 personnel sticking + driving sheet piling between
 Sta. 73+00 + 70+00 (approx). Sheets being
 driven to el. 11.50' due to approach of
 Hurricane Opal + also driven in permanent
 alignment to be driven down @ later date.
 All work done in order to provide Emergency
 Breach Closure. Contractor using templates
 to align piles with level used to check
 plumbness.

Instructions to COC/Remarks: Contractor personnel were
 instructed to begin Emergency Breach Closure
 plan @ 1030 hrs. Actual driving of
 sheets began @ 1500 hrs.

Chris Wagner Proj Engr
 Name Title

DESCRIPTION	HR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	No	0	8	—
Komatsu D37P Dozer	—	No	0	8	—
Compressor + Sandblaster	—	No	0	8	—
3" Trash Pump	Rental	No	0	8	—
Case 580 Backhoe #1	—	No	0	8	—
Koehring 535 Crane	—	No	0	8	—
MKT Vibro Hammer	—	No	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	No	0	8	—
KOMATSU EXC. 200 #2 and EMU-300 Hammer	—	No	0	8	—
Case 580 BACKHOE #2	—	yes	1	7	—
WELDING MACHINE	—	No	0	8	—
KOEHRING 535 CRANE	—	No	0	8	—
KOEHRING 405 CRANE	—	No	0	8	—
JSW Excavator	—	No	0	8	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

Temporary Cofferdams (Flood Protection) were inspected today. Protection to elev. +6.75 was complete in all locations where construction had removed existing protection, including tie-ins to existing floodwalls. Some leakage was observed coming through the temporary sheet pile interlocks, however it was not a substantial amount at this time. Pumps are on standby, should it become necessary to pump water out of the structural excavation and back into the canal.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked public streets - no dirt or debris from the contractor's equipment was found. No streets were blocked (fully OR partially) by equipment, trucks, or materials.

REMARKS

(Instructions received, miscellaneous remarks)

We have not yet received instructions from the Government to close the gap in flood protection (up to elev. +11.50). This directive may well be forthcoming at any time, and we (B&K Construction Company) are ready to act when and if the directive is handed down.

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

10-2-95
Date

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

DATE: 10/01/95

REPORT NO.: 258

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 66 MIN 88 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (3.6) NOISE: moderate

Sunday

WORK PERFORMED/LOCATION

EMERGENCY BREACH CLOSURE WORK

① B+K Construction - Mobilized our company-owned M.K.T. V-5 hammer to mirabeau, East Bank. Rented and mobilized a 2nd V-5 hammer for a back-up, just in case of equipment breakdown. Stabbed CZ-101 sheet piles between East E. Sta. 72+88.50 and Sta. 70+39.40 on E. of new I-wall. Stabbed two pcs. of AZ-18 sheet piles (19' Long each) to make tie-in to existing floodwall at E. E. Sta. 72+88. Provided lights, meals and other support for work crews going on through the night. Performed structural excavation from E. E. Sta. 71+00 to 70+22.

Set E. Stakes for CZ-101 sheet piles from E. E. Sta. 71+50 to 70+25.

② Gill's Crane Service - Drove CZ-101 sheet piles down with V-5 hammer to elev. +11.50, as requested by the Corps of Engineers, to provide Emergency Breach Closure. These sheet piles were located between E. E. Sta. 72+88.50 and Sta. 70+39.40; same as shown above stabbed by B+K Const. crew.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
2	Unskilled	24	B+K Const.	Mobilizing men and equipment for
3	Skilled	35.5	"	Emergency Breach Closure; Stabbing
1	Supt.	12	"	CZ-101 sheet piles and AZ-18's
1	QC. Rep	12	"	for Breach Closure; Setting up
1	Proj. Manager	12		lights for night work; Performing
				structural excavation; Providing layout
				and Grade Control for Sheet Piling Work.
3	Skilled	20	Gill's Crane	
2	Unskilled	24	"	Driving CZ-101 Sheet piles
				to elev. +11.50 for Emergency
				Breach Closure.

Inspected the C2-101 skt piles driven today and tonight for proper alignment and plumbness. E of I-wall stakes were set, and a 40' steel driving template was then used to keep piles on proper alignment. Plumbness was checked on each piling pair, and found to be within $\frac{1}{8}$ " per foot in both directions. All interlocks were fully engaged on each piling. No defects in materials were noted.

Emergency Breach Closure work, as ordered by the Corps of Engineers before noon today, was not completed by midnight. However, work continued through the night, and tomorrow morning's fresh crew will finish the pile driving and weld tie-in pieces in place.

Laser level was used on each pile to insure protection to the required elev. of +11.50.

JOB SAFETY

(Note inspection, violations/actions taken)

Hard hats and steel toe boots were worn by all employees. Light towers were set up at each end of the work area to provide lighting for workers to find footing, and check rigging of piles. Replacement operators were provided to keep a fresh, alert man behind the controls of the two cranes being used.

REMARKS

(Instructions received, miscellaneous remarks)

Work continued around the clock and was continuous until work on breach closure was completed. (see continuation on tomorrow's report.)

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

10-2-95
Date

EQUIPMENT

DESCRIPTION	H.R./DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	8	4	—
Komatsu D37P Dozer	—	yes	2	10	—
3" Trash Pump	Rental	NO	2 standby	2	—
Compressor + Sand-blaster	—	NO	0	8	—
Case 580 Backhoe #1	—	yes	3	9	—
ISUZU Flatbed Truck	Arrived	yes	6	6	—
Koehring 535 Crane #1	—	yes	10	2	—
MKT Vibro Hammer	—	yes	10	2	—
MKT V-5 Hammer	Rental	NO	2 Standby	2	—
Fiat-Allis MotorGrader	—	yes	2	10	—
Mantis Crane	—	NO	0	12	—
Light Towers (2 each)	Rental	yes	12 (6 each)	0	—
KOMATSU EXC. 200 #2 and Emu-300 Hammer	—	NO	0	12	—
Case 580 BACKHOE #2	—	yes	6	6	—
WELDING MACHINE	—	NO	0	12	—
KOEHRING 535 CRANE	—	NO	0	12	—
KOEHRING 405 CRANE	—	yes	10	2	—
J.S.W. Excavator	—	NO	0	12	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

NONE PERFORMED TODAY

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

THE QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

REPORT NUMBER
207

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

DATE Friday
29 September 95

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 and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100%	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 64°	MAXIMUM 88°
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HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? NO YES (Explain)

24 HOUR PRECIPITATION
INCHES 0.00" ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 2-2	OFFICE	LAYOUT	INSPECTION 2-14	TOTAL 4-16	LABOR
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Canal RIVER STAGE
FEET 2.8' TIME 0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-29	SKILLED 11-88	LABORERS 14-116	TOTAL 28-233	FROM 0730 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. - REINFORCED CONCRETE FLOODWALL; SHEET PILES
- b. Gill's Crane Service - STEEL SHEET PILES
- 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. Continuing to work on I-wall form panel; concrete finishers repairing W Monos #118, #119 and #120, F/S; sand blasting AZ-18 sheet piles from E B/L Sta 97+65 to 96+35; made temporary cofferdam tie-ins at E B/L Sta 72+95 and 70+20
- b. Pulling existing Frodinghamsheet piles from E B/L Sta 104+10 to 104+50

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground conditions on 13 Sep 95.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%

PERCENT TIME ELAPSED: 64.7%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

The following CQC Inspection Phases were attended this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: No instructions given.
TEMPORARY COFFERDAMS: No instructions given.
STEEL SHEET PILES: 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

The following follow-up QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed contractor continuing to build I-Wall form panel. Observed concrete finishers chipping out defective areas and repairing areas on W Monos #118, #119 and #120. Holes were chipped out, filled in with mortar mix and rubbed smooth by concrete finishers.

PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: Observed contractor sand blasting coal tar off of AZ-18 sheet piles from E B/L Sta. 97+65 to 96+35. Sheet piles were blasted in a 12" wide strip at elevation +5.25, P/S.

TEMPORARY COFFERDAM: Observed contractor made temporary cofferdam tie-ins at E B/L Sta 72+95 and 70+20. Tie-ins were made with FL340 penetrations waterproofed.

STEEL SHEET PILES: Observed contractor pulling up existing Frodingham sheet piles from E B/L Sta 104+10 to 104+50. Sheet piles were hauled off jobsite to be salvaged. Some RZ-10 sheet piles could not be pulled up, therefore, these will be cut off at 6" below finish grade. These sheets are located between E B/L Sta 115+00 and 115+75.

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

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

None.

CONTROVERSIAL MATTERS IN DETAIL:

None.

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

None.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
C. Ashley	Area Engr (GM-14)	01	ACO
D. Duhon	Supv Civ Engr (GS-12)	01	SCE
Z. Bryant	Const Insp (GS-07)	10	QAR
J. Avettant	Const Insp (GS-04)	03	QAR

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

Observed contract personnel wearing safety shoes and hard hats in accord with EM 385-1-1. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Zane D. Bryant

05 Sep 95

gzw

10/9/95

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

DATE: 9/29/95

REPORT NO.: 256

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 64 MIN 88 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Carpenters continued building I-Wall form panel in the yard at Robert E. Lee Blvd. Cement finishers patched and repaired Canal Side of West Monoliths #118, #119, and #120. Sandblasted coal tar off of AZ-18 sheet piles from East B Sta. 97+65 to Sta. 96+35, in a 12" wide strip on the Land Side at elev +5.25. Laborers cut grass & weeds. The Temporary Cofferdam tie-ins were made, with FL340 penetrations water proofed, at East B Stations 72+95 and 70+20. Surveyor set $\frac{1}{2}$ stakes for pile driving crew at East B Sta. 73+00 to 71+00. Placed temporary backfill along the Land Side of new I-Wall (as sheets were pulled by Gill's Crane). Gill's Crane Service - Pulled existing Frodingham sheets from East B Station 104+10 to station 104+50. Hauled off all of the pulled Frodingham sheet piles by truck for salvaging today. Cut off the few sheet pile pairs (existing AZ-10 sheets) that could not be pulled between E. B 115+00 and 115+75, 6" below Finish Grade as required.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	100	B+K Const.	Building I-Wall forms; Finishing
10	Skilled	80	"	I-Wall concrete surfaces; Sand-
2	Supt.	20	"	blasting AZ-18 Sheets; Cutting
1	Q.S. Ref	9	"	weed and grass; Making Temp.
				Cofferdam tie-ins and Feeder
				line penetrations watertight.
				Laying out $\frac{1}{2}$ of I-Wall for
				sheet pile drivers. (See Above)
1	Skilled	8	Gill's Crane	Pulling and removing existing
2	Unskilled	16	"	sheet piles from the job site.
				(See Locations Above)

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	4	4	—
Komatsu D37P Dozer	—	yes	2	6	—
Kubota 151 Excavator	—	NO	0	8	—
Case 580 Backhoe #1	—	yes	4	4	—
Koehring 535 Crane	—	No	0	8	—
MKT Vibro Hammer	—	yes	3	5	—
Fiat-Allis MotorGrader	—	yes	1	7	—
Mantis 3612 Crane	—	yes	3	5	—
KOMATSU EXC. 200 #2 and EMU-300 hammer	—	yes	2	6	—
Case 580 BACKHOE #2	—	yes	3	5	—
WELDING MACHINE	—	No	0	8	—
KOEHRING 535 CRANE	—	yes	8	0	—
KOEHRING 405 CRANE	—	yes	4	4	—
J.S.W. Excavator	—	yes	2	6	—
Sand-blasting Rig + Compressor	—	yes	7	1	—

MATERIALS RECEIVED

NONE Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by pulling of existing sheet piles at East B Station 104+00 → 104+50 (approximate). Results will be furnished only to the Orleans Level Board.

Inspect the pulling of existing sheet piles from East B Station 119+02 to Station 102+67. All existing sheets in this area have been pulled, or cut off 6" below finish grade. All sheet pile pieces have been removed from the jobsite for salvaging. No damage was done to the new I-wall or any other structures, except for a few minor chips and scratches on the Land Side face of the I-wall. The existing MP112 sheet piles have not all been removed yet. BTK Construction will be responsible for removal of these between approximately station 102+67 and 105+00.

Temporary backfill was placed between the new I-wall and edge of the structural excavation, as a temporary measure to stop leakage in this area.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked welder working on the tie-in at East B Station 70+20 and 72+95. The welder was wearing an approved welding shield, leather gloves, steel toe boots, and kept a fire extinguisher nearby.

Checked backup alarms on the two Case 580 backhoes. Both machines had working reverse alarms, clearly audible, and activated automatically.

REMARKS

(Instructions received, miscellaneous remarks)

We are on full hurricane alert, and ready to act if so directed to close the breach in the floodwall. Emergency phone number lists have been supplied to the Government for this purpose.

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 QC Representative

10-2-95
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
206

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

DATE Thursday
28 September 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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MINIMUM 64°	MAXIMUM 89°
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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	TOTAL	LABOR
			2-16	2-16	

FEET 2.8'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-27	11-86	14-108	28-221	0700 M	1730 M	M	M	M	M

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

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; STRUCT EXCAV; SHEET PILES
- b. Gill's Crane Service - STEEL SHEET PILES
- 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. Contractor continuing to build I-wall from panel; concrete finishers repairing W Monos #115, #116 and #117, F/S; burned holes in E Monos #39, #38 and #37 for rebar to pass; contractor excavated from E B/L Sta 73+00 to 71+00; sandblasted AZ-18 piles from E B/L 98+25 to 97+65
- b. Pulled existing Frodingham sheet piles from E B/L Sta 105+65 to 104+50

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground conditions on 13 Sep 95.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%
PERCENT TIME ELAPSED: 64.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

- The following CQC Inspection Phases were attended this date:
- REINFORCED CONCRETE FLOODWALL: No instructions given.
- PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: No instructions given.
- STRUCTURAL EXCAVATION: No instructions given.
- STEEL SHEET PILES: 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

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

REINFORCED CONCRETE FLOODWALL: Observed contractor continued to build an extra I-Wall form panel. Concrete finishers patched and repaired W Monos #115, #116 and #117, F/S. Finishers chip out defective areas or holes, fill in with mortar mix and rub areas to a smooth finish.

STRUCTURAL EXCAVATION: Observed contractor excavated from E B/L Sta 73+00 to 71+00. Rip rap was previously removed and hauled off of jobsite. Contractor dug a trench that was approx. 6' wide, which provided 3' on either side of the C/L on the new I-wall. Contractor placed soil on P/S of crown to provide a wider temporary access road.

PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: Observed contractor sand blasting 12" strip of coal tar off of existing AZ-18 sheet piles from E B/L Sta 98+25 to 97+65, P/S. The last 12 pcs. of AZ-18 sheet piles that have been pulled up, were hauled off to be cleaned and delivered to the Orleans Levee Board.

STEEL SHEET PILES: Contractor pulled up existing Frodingham sheet piles from E B/L Sta 105+65 to 104+50. Some sheets were hauled off today to be salvaged.

REINFORCED CONCRETE FLOODWALL: Noted that contractor burned holes in CZ-101 sheet piles for rebar to pass through for E Monos #39, #38 and #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 OCR REPORT OR DISAGREEMENTS:

None.

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

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

NAMES	GOVERNMENT PERSONNEL ON SITE		DUTIES
	DESIGNATION	HRS. ON SITE	
Z. Bryant	Const. Insp. (GS-07)	07	QAR
J. Avettant	Const. Insp. (GS-04)	07	QAR

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

Observed contract personnel wearing hard hats and safety shoes in accord with EM 385-1-1. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE <i>Zane D. Bryant</i> Zane D. Bryant	DATE 2 Sep 95	SUPERVISOR'S INITIALS <i>gws</i>	DATE <i>10/9/95</i>
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 9/28/95

REPORT NO.: 255

SKIES: clear

RAIN: 0 IN. TEMP.: 64 MIN 89 MAX

DUST: Minimal / LEVEE CONDITION: Dry CANAL GAUGE: (2.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Carpenters continued building an extra I-wall form panel, with frac. fin form liner, in the staging area at Robert E. Lee Blvd. Cement finishers patched and repaired Canal Side concrete surfaces on west I-wall Monoliths #115, #116, and #117. Burned holes for rebar in CZ-101 Sheet piles at East Monoliths #39, #38, and #37. Removed existing rip-rap between East B Sta. 73+00 and Sta. 70+25 (hauling it off the site). Performed structural excavation from East B Station 73+00 to Station 71+00. Loaded the last 12 pcs. of AZ-18 sheet piles up, to be hauled off, cleared, and then delivered to the Orleans levee District yard by Gill's Crane Service. Sand blasted a 12" strip of coal tar off of existing AZ-18 sheet piles from East B station 98+25 to station 97+65 (land side only). Laborers cut grass + weeds, helped carpenters, finishers, etc. Surveyor layed out holes for rebar, centerline of excavation, and set grades for btm. of struct. excavation.

Gill's Crane - Pulled existing Frodingham sheet piles from East B Sta. 105+65 to Sta. 104+50. Hauled some of these sheets off the job for salvaging today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	B+K Const.	Building I-wall forms; finishing
10	Skilled	78	"	I-wall concrete; Burning holes for
2	Supt.	18	"	rebar; removing rip-rap; excavating
1	Q.C. Rep.	9	"	for I-wall construction; hauling off
				AZ-18 sheet piles; Sand blasting
				Coal tar off of AZ-18 sheets;
				Cutting grass; laying out I-wall (See Above)
1	Skilled	8	Gill's Crane	Pulling up existing sheet piles
2	Unskilled	16	"	and removing them from the
				job site. (See Above)

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	8	2	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	No	0	8	✓
Case 580 Backhoe #1	—	yes	3	5	—
Koehring 535 Crane #1	—	NO	0	8	—
MKT Vibro Hammer	—	yes	7	1	—
Fiat-Allis MotorGrader	—	yes	3	5	—
Mantis 3612 Crane	—	yes	4	4	—
KOMATSU EXC. 200 #2 and EMU-300 Hammer	—	yes	3	5	—
Case 580 BACKHOE #2	—	yes	4	4	—
WELDING MACHINE	—	No	0	8	—
KOEHRING 535 CRANE	—	yes	7	1	—
KOEHRING 405 CRANE	—	yes	3	5	—
J.S.W. Excavator	—	yes	3	5	—
Sandblasting Rig + Compressor	—	yes	6	2	—

MATERIALS RECEIVED

Received 896 50 pound bags of blasting sand for coal tar removal today.

No other materials received today.

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile pulling operations on the East Bank, near B station 105+00. Results of these tests will be furnished to the Orleans Levee Board only.

Inspected the structural evaluation done on the East Bank today (Station 73+00 to 71+00). The rip-rap had been previously excavated from this area and hauled off the job. The Komatsu excavator dug a trench approx. 6' wide, 3' each way from center of new I-Wall. The bottom elevation of this trench was +2.60, and the soil was placed on the land side crown of the levee to widen the Temporary Access Road. A small amount of soil was placed along the Canal Side of the Temp. Cofferdam, to keep seepage of canal water down to a minimum.

Also inspected the hole cutting done on CZ-101 sheet piles for #6 rebar verticals to pass through. Slots were cut at each monolith joint, 6" wide by 15" deep, as per contract dwg. #10. Holes cut for rebar to pass through were maximum 2" diameter, except where the spacing fell on the web or diagonal portion of the CZ-101 sheets, where the holes were slotted to 4" horizontally. Spacing of #6 verticals determined the hole layout: 9" on centers maximum, with no holes cut through sheet pile interlocks.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked the rigging on the V-5 hammer being used to pull Frothingham sheets. Wire rope slings and screw pin anchor shackles were in good condition. Shackles were tied with wire to prevent accidental loosening.

Ordered an air horn, load chart, log book, and safety glass for the Koehring 405 Crane early this week. Should have these items installed by early next week.

REMARKS

(Instructions received, miscellaneous remarks)

We are watching the Tropical Depression in the Gulf of Mexico, and are prepared to act quickly, in the event that we are instructed to close the breaches by the Government. Emergency phone and pager numbers will be furnished to Inspector Zane Bryant tomorrow, just in case.

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 QC Representative

9-29-95

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
205

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

DATE
Wednesday
27 September 95

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE	
MINIMUM 65°	MAXIMUM 88°

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	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
1-1			2-16	3-17	

FEET	TIME
2.8'	0800 M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-27	11-84	14-108	28-119	0700 M	1730 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. - REINFORCED CONCRETE FLOODWALL; SHEET PILES
- b. Gill's Crane Service - STEEL SHEET PILES
- 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. Assembling I-Wall form panel; concrete finishers repairing W Monos #112, #113 and #114, F/S; sandblasting coal tar off of AZ-18 sheet piles; burning holes in CZ-101 sheet piles at E Monos #42, #41 and #40 for rebar to pass through
- b. Pulling existing Frodingham sheet piles from E B/L Sta 106+60 to 105+65

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground conditions on 13 Sep 95.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%
PERCENT TIME ELAPSED: 64.4%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

The following CQC Inspection Phases were attended this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
PULL, CLEAN SALVAGE AZ-18 SHEET PILES: No instructions given.
STEEL SHEET PILES: 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

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

REINFORCED CONCRETE FLOODWALL: Observed contractor continuing to work on I-Wall form panel. Concrete finishers patched and repaired W Monos #112, #113 and #114, F/S. Finishers chip out areas that are defective, fill in with mortar mix and rub areas to provide a smooth finish. Contractor burned holes in CZ-101 sheet piles for rebar to pass through E Monos #42, #41 and #40.

PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: Observed contractor sandblasting coal tar off of AZ-18 sheet piles, P/S, to prepare piles to be cut at elev. +5.25, between E B/L Sta 99+70 to 98+25. Noted that contractor hauled off 68 pieces of AZ-18 sheet piles to be cleaned and delivered to the Orleans Levee Board at a later date.

STEEL SHEET PILES: Observed contractor pulling up existing Frodingham sheet piles from E B/L Sta 106+60 to 105+65. Sheets were stacked along crown of levee to be salvaged at a later date. Some areas of the new I-wall have been damaged during the pulling of the sheet piles, however, contractor will repair areas.

QUALITY CONTROL: Contractor is providing adequate quality control.

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

QAR Zane Bryant instructed B&K Superintendent, Mike Tassin, to repair silt fences between E B/L 70+20 and 102+00 and between W B/L Sta 102+00 to 119+68 by Friday, October 6, 1995. Mr. Tassin said he would comply with Mr. Bryant's instructions.

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	Proj. Engr. (GS-11)	01	PE
Z. Bryant	Const. Insp. (GS-07)	07	QAR
J. Avettant	Const. Insp. (GS-04)	07	QAR

NOTE: Visitors to job site this date: Fidel Perez, NOAO and Robert Guillot, Const. Div.

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

Observed contract personnel in area of sandblasting of sheet piles, wearing hearing protection. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

DATE

Jennifer D. Avettant

2 Oct 95

cyh

17

10/5/95

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Checked finishing work
being performed on west side I-wall monoliths.
Personnel were patching defective areas
between the fractured fin filling the holes
with sand cement mix. Observed personnel
begin setting up sand blasting rig in order
to clean shafts before cutting them.

Instructions to CQC/Remarks: Told Supt. Mike Tassin
that they would have to retrieve sand
blasting material that is being used to
clean shafts so as to avoid contamination
of environment. He agreed & said they
were working on the appropriate ways to
do so.

Chris Wagner Proj Engr
Name Title

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

DATE: 9/27/95

REPORT NO.: 254

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 65 MIN 88 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.8) NOISE: Moderate

WORK PERFORMED/LOCATION

B&K Construction - Carpenters continued assembly of I-Wall form panel in the yard at Robert E. Lee Blvd. Cement finishers patched and repaired Canal side surfaces of West I-wall Monoliths #112, #113, and #114. Sandblasted the coal tar off of AZ-18 sheet piles in a 10"-12" strip, Land Side only, to facilitate torch-cutting them at elev. +5.25 between East B station 99+70 and Station 98+25. Burned holes in C2-101 sheet piles for rebar at East Monoliths #42, #41, and #40. Loaded up AZ-18 sheets on truck and trailer for Gill's Crane Service, to be cleaned and delivered to the Levee Board (by Gill's Crane Service). A total of 68 pcs. were hauled off today. Laborer cut grass & weeds.

Gill's Crane Service - Pulled existing Frodingham sheet piles from East B station 106+60 to station 105+65. Stacked these along the levee crown, and hauled some of them off today for salvage.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	B&K Const.	Assembling I-Wall form panel;
10	Skilled	76	"	Finishing I-wall concrete surfaces;
2	Supt.	18	"	Loading up pulled AZ-18 sheet piles;
1	Q.C. Ref.	9	"	Sandblasting coal tar off of AZ-18's; Burning holes in C2-101 for rebar (See Locations Above)
1	Skilled	8	Gill's Crane	Pulling existing Frodingham
2	Unskilled	16	"	Sheet piles; hauling off pulled Frodingham sheets for salvage; hauling off pulled AZ-18 sheet piles for cleaning and delivery to the Levee Board's yard

EQUIPMENT

DESCRIPTION	HRR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	5	3	—
Komatsu D37P Dozer	—	NO	0	8	—
Kubota 151 Excavator	—	No	0	8	✓
Case 580 Backhoe #1	—	Yes	3	5	—
Koehring 535 Crane	—	NO	0	8	—
MKT Vibro Hammer #1	—	yes	7	1	—
MKT V-5 Hammer	departed	—	—	—	—
Fiat-Allis MotorGrader	—	yes	1	7	—
Mantis 3612 Crane	—	yes	4	4	—
KOMATSU EXC. 200 #2 and EMV-300 hammer	—	yes	3	5	—
Case 580 BACKHOE #2	—	yes	4	4	—
WELDING MACHINE	—	NO	0	8	—
KOEHRING 535 CRANE	—	yes	7	1	—
KOEHRING 405 CRANE	—	yes	7	1	—
JSW Excavator	—	yes	3	5	—
Compressor + Sand Blasting Rig	—	yes	8	0	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by sheet pile pulling operations at East 6 station ± 106+00. No excessive vibrations were observed today, according to the Delta technician on site. Results of these tests are being furnished to the Orleans Levee Board only.

Inspected the sand blasting of existing AZ-18 sheet piles today. The area blasted was from East B 99+70 to 98+25, in a 12" strip on the land side of the sheets only, from \pm elev. 4.75 to 5.25. This was done to facilitate torch cutting of the AZ-18's at elev. 5.25. All of the coal tar was blasted off of the sheets in the area described above. No damage to any other structures was found. The sheets will be cut off at elev. +5.25, and then the remainder of the coal tar will be blasted off on both sides of the AZ-18 sheet piles (between elev. 5.25 and elev. 2.83).

Also inspected the pulling of existing Frodingham sheet piles on the East Bank. Piles were pulled using a Koehring 535 crane, and an M.K.T. V-5 vibratory hammer. No damage was done to the new I-Wall or other structures, except for some minor fractured fin damage, which will be repaired by BTK Construction's finishers.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked worker using the sand blasting rig on the East Bank today. The worker was wearing a blasting hood, with shield, cloak, and breathing air connections. Workers nearby were protected by dust masks and safety glasses. Clean up of blasted coal tar epoxy residue will be done by means of a vacuum truck. Disposal will be done by the vacuum truck company (as yet undetermined) per E.P.A. requirements.

REMARKS

(Instructions received, miscellaneous remarks)

Inspector Zane Bryant instructed us to repair all silt fences between E. B 70+20 and 84+30, and between W. B 102+00 and 119+68, by Friday October 6, 1995. Supt. Mike Tassin stated that he will comply with these instructions.

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

9-28-95

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

204

TO Area Engineer,
CELMN-CD-NO

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

DATE Tuesday
26 September 95

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 and warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100%	EMBANKMENT 100%	CONCRETE 100%	STRUCTURE 100%
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MINIMUM 64°	MAXIMUM 87°
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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 2-16	TOTAL 2-16	LABOR
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FEET 2.8'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY 3-26.5	SKILLED 13-94	LABORERS 17-124	TOTAL 33-244.5	FROM 0700 M	TO 1730 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. - REINFORCED CONCRETE FLOODWALL; SHEET PILES
- b. GILL'S CRANE SERVICE, INC. - STEEL SHEET PILES
- c. BARNES ELECTRIC - TEMPORARY RELOCATION OF FEEDER LINES

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. Repairing I-wall forms; patching W Monos #112, P/S, and #111, both sides; pulling AZ-18 sheet piles from E B/L Sta 70+44 to 70+22.50; marking AZ-18 sheet piles for sandblasting and cutting; burning holes in CZ-101 sheet piles for rebar to pass at E Monos #43, #44 and #45
- b. Pulling existing Frodigham sheets from E B/L Sta 107+20 to 106+60
- c. Temporarily relocating FL340

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground on 13 Sep 95.

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 Barnes this date. See attached QQC report.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.7%

PERCENT TIME ELAPSED: 64.2%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: No instructions given.
STEEL SHEET PILES: No instructions given.
TEMPORARY RELOCATION OF FEEDER LINES: No instructions given.

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

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

REINFORCED CONCRETE FLOODWALL: Observed contractor continuing to work on I-Wall forms for next phase of work. Observed concrete finishers patching and repairing P/S of W Mono #112 and #111, both sides. Contractor is chipping areas with voids or air holes, patching these areas and making monos smooth. Contractor burned holes in CZ-101 sheet piles for rebar to pass through at E Monos #45, #44 and #43.

PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: Observed contractor pulling existing AZ-18 sheet piles from E B/L Sta. 70+44 to 70+22.50. Gill's Crane hauled off 26 pcs of 38' long AZ-18 sheet piles to be cleaned and later delivered to the Orleans Levee Board. Contractor continued to mark AZ-18 sheet piles for sandblasting and cutting. Contractor set up tarps to begin blasting of the piles tomorrow.

STEEL SHEET PILES: Observed contractor pulling existing Frodingham sheet piles from E B/L Sta 107+20 to 106+60. These sheets were stacked on the crown of the levee. Some sheets were hauled off to be salvaged, others will be hauled off at a later date.
(CONTINUED ON QUALITY ASSURANCE REPORT SUPPLEMENT, SEE ATTACHED.)

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

None.

CONTROVERSIAL MATTERS IN DETAIL

None.

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

None.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
Z. Bryant	Const. Insp. (GS-07)	07	QAR
J. Avettant	Const. Insp. (GS-04)	07	QAR

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

Noted that feeder lines were deenergized prior to contractor starting relocation this date. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Jennifer D. Avettant

DATE

28 Sep 95

SUPERVISOR'S INITIALS

CPL

DATE

10/3/95

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

QAR# 204

DATE Tues., 26 Sep 95

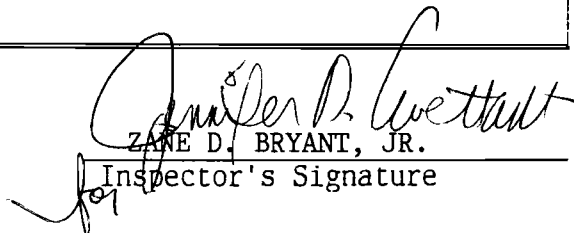
QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:
(CONTINUATION OF ENG 2538-2, QUALITY ASSURANCE REPORT)

TEMPORARY RELOCATION OF FEEDER LINES: Observed contractor temporarily relocated FL340 feeder lines from E B/L Sta 83+50 to 99+75. Feeder lines was moved over approximately 5 to 6' from existing floodwall using ropes and hoists. The Sewerage and Water Board tested lines after the relocation, no damage was found.

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

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:
None.

REMARKS:
None.


ZANE D. BRYANT, JR.

Inspector's Signature

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

DATE: 9/26/95

REPORT NO.: 253

SKIES: Clear - Pt. Cloudy RAIN: 0

IN. TEMP.: 64 MIN 87 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (28) NOISE: Moderate

WORK PERFORMED/LOCATION

① B+K Construction - Carpenters repairing I-Wall forms, and assembling an extra form panel. Pulled existing AZ-18 sheet piles from East Bank Sta. 70+44 to sta. 70+22.50. Cement finishers patched and repaired west Monoliths #112 and #111 (Land side), and #111 (Canal side). Continued marking AZ-18's for sandblasting and cutting between Pump Sta. #4 and Filmore Avenue. Used acetylene torch to burn holes for rebar in C2-101 sheet piles at East Monoliths #45, #44, and #43. Set up sandblasting rig and tarps, to begin blasting coal tar epoxy off of AZ-18's tomorrow.

② Gill's Crane Service - Pulled existing Frodingham sheet piles on the East Bank between station 107+20 and 106+60. Stacked these pairs along the Land Side levee crown. (Some were hauled off by truck for salvage, and some remain to be removed later). Also hauled off 26 pcs. of 38' long AZ-18 sheet piles to clean and deliver to the Orleans Levee District.

③ Barnes Electric - Temporarily relocated FL340 from East Bank Sta. 83+50 to Sta. 99+75. FL340 was tested after being moved, and no damage was found.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	B+K Const.	Repairing I-Wall forms; assembling
10	Skilled	76	"	I-Wall panels; Finishing concrete
2	Supt.	18	"	surfaces; setting up for sand-
1	Q.C. Rep	8.5	"	blasting coal tar; Burning holes
				in C2-101 Sheets for rebar (see Above)
1	Skilled	6	Gill's Crane	Pulling existing Frodingham sheet
2	Unskilled	14	"	piles, and hauling off AZ-18's
				to be cleaned + delivered (see Above)
2	Skilled	12	Barnes Elect.	Temporary Relocation of
3	Unskilled	18	"	FL340 feeder line
				(see Above)

EQUIPMENT

DESCRIPTION	HRR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	yes	1	7	—
Kubota 151 Excavator	—	No	0	8	yes
Case 580 Backhoe #1	—	yes	3	5	—
Koehring 535 Crane	—	NO	0	8	—
MKT Vibro Hammer	—	yes	6	2	—
MKT V-5 Hammer	Rental	yes	4	4	—
Fiat-Allis MotorGrader	—	yes	2	6	—
Mantis 3612 Crane	—	yes	4	4	—
KOMATSU EXC. 200 #2 and EMU-300 Hammer	—	yes	2	6	—
Case 580 BACKHOE #2	—	yes	3	5	—
WELDING MACHINE	—	NO	0	8	—
KOEHRING 535 CRANE	—	yes	6	2	—
KOEHRING 405 CRANE	—	yes	8	0	—
J.S.W. Excavator	—	yes	3	5	—
Compressor + Sandblasting Rig	—	NO	0	8	—

MATERIALS RECEIVED

Received 64 bags of black medium coarse blasting sand from Pontchartrain Materials Corp. today (50 lbs. each bag).

No other materials received today.

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring on the East Bank near station 107+00, adjacent to sheet pile pulling operations here. Results are on file with the Orleans Levee Board, but no extraordinary vibrations were recorded today!

Inspected the work being done by Cement finishers today on West I-Wall monoliths. The land sides of West Monoliths #170 through #111 are now completed, with a few areas that need additional work. These areas will be pointed out by myself and the Project Inspector Zane Bryant, and corrected before acceptance. The finishing work was started on the Canal Side (No "fractured fin" side) today. The air holes and voids were chipped, then filled and smoothed over. Joint lines were also chipped and patched smooth. The work done was acceptable in my opinion, however the Government must still give their approval for final acceptance.

Also inspected the relocation of FL340 on the East Bank. This feeder line was unbolted from the existing MP112 sheet piles and lowered by hand, using ropes and rope hoists as needed. No problems were encountered, as the feeder line was moved over approx. 5' to 6' from the exist. floodwall. The Sewerage & Water Board was notified of our operations as required.

JOB SAFETY

(Note inspection, violations/actions taken)

Feeder Lines FL340, FL432, and FL422 were deenergized and locked out prior to starting any relocation work today. FL340 was tested after being moved to make certain that no damage was done to the cable or any splices. No damage was indicated by the test results. No debris or pollution was noted by the contractor or sub contractor's today.

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

9-27-95
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
203

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

DATE Sat, Sun, Mon
23, 24, 25 September 1995

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 and cool/warm

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %
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TEMPERATURE	
MINIMUM 62°	MAXIMUM 85°

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

24 HOUR PRECIPITATION	
INCHES 0.00"	ENDING 0730 M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY 2-2	OFFICE	LAYOUT	INSPECTION 2-16	TOTAL 4-18	LABOR
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FEET 2.8'	TIME 0800 M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-26.5	SKILLED 13-96	LABORERS 17-126	TOTAL 33-248.5
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NUMBER OF SHIFTS

FROM 0700 M	TO 1730 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. - REINFORCED CONCRETE FLOODWALL; AZ-18 SHEET PILES
- b. Gill's Crane Service - STEEL SHEET PILES
- c. Barnes Electric - TEMPORARY RELOCATION OF FEEDER LINE

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

- a. Carpenters still working on repairing I-Wall forms; concrete finishers completed W Monos #114, #113 and part of #112, P/S; pulled existing AZ-18 sheet piles from E B/L Sta 71+06 to 70+44
- b. Pulled existing Frodingham sheet piles from E B/L Sta 108+50 to 107+20
- c. Temporarily relocated FL340 between E B/L Sta 76+50 to 83+50

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground conditions on 13 Sep 95.

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 Barnes Electric on 25 Sep 95. No work was scheduled or performed on 23 and 24 Sep 95. See attached CQC report.

DATE SET FOR COMPLETION: 09 MAY 96
PERCENT PROJECT COMPLETE: 39.4%
PERCENT TIME ELAPSED: 64.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

The following CQC Inspection Phases were attended this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
STEEL SHEET PILES: No instructions given.
PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: No instructions given.
TEMPORARY RELOCATION OF FEEDER LINES: 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

The following QA Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed contractor continuing to work on I-Wall forms for next reach of work. Observed concrete finishers completed P/S of W Monos #114, #113 and part of #112. Finishers chip defective areas and fill in these areas with mortar mix. Contractor is also repairing any fins or holes that need to be repaired.

PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: Observed contractor pulling existing AZ-18 sheet piles from E B/L Sta 71+06 to 70+44. Some of these sheets were hauled off jobsite by Gill to be cleaned and later delivered to Orleans Levee Board. Sheets were pulled up one at a time, with no damage to the sheets. AZ-18 sheet piles located between Filmore and Pumping Station #4 were marked for sandblasting, scheduled to start this week.

STEEL SHEET PILES: Contractor pulled existing Frodingham sheet piles from E B/L Sta 108+50 to 107+20. These sheets were stacked on the crown of the levee. Some sheets were hauled off to be salvaged.

TEMPORARY RELOCATION OF FEEDER LINES: Observed contractor temporarily relocated FL340 between E B/L Sta 76+50 and 83+50. Feeder line was moved by hand with the use of ropes and pulley (CONTINUED ON QUALITY ASSURANCE REPORT SUPPLEMENT SHEET, SEE ATTACHED)

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

None.

CONTROVERSIAL MATTERS IN DETAIL

None.

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

None.

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

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

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>	<u>DESIGNATION</u>	<u>HRS. ON SITE</u>	<u>DUTIES</u>
D. Duhon	Supv Civ Engr (GS-12)	01	SCE
C. Wagner	Proj Engr (GS-11)	01	PE
Z. Bryant	Const Insp (GS-07)	07	QAR
J. Avettant	Const Insp (GS-04)	07	QAR

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

Observed concrete finishers and laborers working on monoliths wearing safety glasses, while chipping out wall, and gloves. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

ZANE D. BRYANT

Zane D. Bryant

DATE

27 Sep 95

SUPERVISOR'S INITIALS

gub

DATE

10/3/95

10/3

QUALITY ASSURANCE REPORT SUPPLEMENT

CONTRACT NO.: DACW29-94-C-0079

Sat, Sun, Mon
DATE 23, 24, 25 Sep 1995

QAR# 203

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUED FROM ENG 2538-2, QUALITY ASSURANCE REPORT)

TEMPORARY RELOCATION OF FEEDER LINES(CONT.): hoists. Sewerage and Water Board performed tests to ensure there was no damage done to the feeder lines during the relocation.

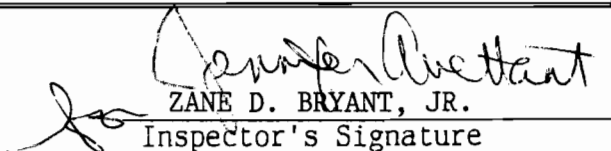
QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

None.

REMARKS:

None.


ZANE D. BRYANT, JR.
Inspector's Signature

QUALITY ASSURANCE REPORT SUPPLEMENT

QA Inspections Performed & Results: Contractor continuing to pull remaining shafts near Mirabau Ave. A2-18 shafts are to be cleaned & delivered to Luan Board. Observed personnel marking shaft piling to be blasted & cut for concrete capping between Felmore & Pumping Sta #4.

Instructions to COC/Remarks: N/A.

Chris Wagner Name Proj Engr Title

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

DATE: 9-25-95 REPORT NO.: 252

SKIES: Pt. Cloudy - Cloudy RAIN: 0 IN. TEMP.: 62 MIN. 85 MAX

DUST: None LEVEE CONDITION: Dry CANAL GAUGE: (2.8) NOISE: Moderate

9-23-95 + 9-24-95 WORK PERFORMED/LOCATION

Saturday + Sunday → NO WORK PERFORMED

- ① 9-25-95 Monday B&K Construction - Carpenters continued working on I-wall forms in the yard. Cement finishers completed repairs on West I-Wall Monoliths #114, #113, and 1/2 of #112 (Land Side only). Pulled existing AZ-18 sheet piles from East β 71+06 to sta. 70+44. Marked AZ-18 sheets for sandblasting between Filmore and Pump Sta. #4, and shoveled dirt away from same sheets to begin sandblasting tomorrow.
- ② Gill's Crane Service - Pulled existing Frodingham sheet piles from East β sta. 108+50 and 107+20. Also hauled off some of these sheets for salvage, and removed 22 pcs. of AZ-18 sheets (pulled at Mirabeau Ave.) by truck, to be cleaned and delivered later.
- ③ Barnes Electric - Temporarily relocated FL340 between East β sta. 76+50 and Sta. 83+50. See "Inspections Performed" for more details.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	B&K Const.	Repairing and modifying the
10	Skilled	76	"	steel I-wall forms; Finishing concrete
2	Supt.	18	"	I-wall surfaces; Pulling existing
1	Q.C. Rep.	8.5	"	AZ-18 sheet piles; Preparing for sandblasting work; cutting grass + weeds (See Locations Above)
1	Skilled	8	Gill's Crane	Pulling existing Frodingham sheet
2	Unskilled	16		piles; hauling off AZ-18 sheet piles for cleaning + delivery to the Orleans Levee Board.
2	Skilled	12	Barnes Elect.	Temporary Relocation
3	Unskilled	18	"	of Feeder Line FL340 (See Locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring adjacent to sheet pile pulling operations on the East Bank near B Station 70+95 today. Results are being furnished to the Orleans levee Board. No excessive vibrations were recorded today, per the Delta Technician on site.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the relocation of FL340 along the East Bank today. The feeder line was moved by hand, using only ropes and pulley hoists. The feeder was supported by 8" cable rollers, held up by ropes and pulleys, and then unbolted from the existing floodwall. The cable was then simultaneously lowered and moved out approx. 5'-6' away from the existing wall. Tests were made by the Sewerage and Water Board to make certain that no damage was done to the feeder line or any splices during the move. No damage was reported.

Also inspected the pulling of A2-18 sheet piles at East B Station 71+06 to Sta. 70+44. Pulled piles were approx. 38' long, stacked in single pieces along the levee crown. Gill's Crane Service sent a truck and trailer to pick up 22 pcs. of A2-18's, to be cleaned and delivered to the Orleans Levee District. No damage was done to these sheets.

JOB SAFETY

The electrical energy was shut off and locked out today prior to any work on FL340 or in the vicinity of FL340. Testing was done by Orleans Sewerage & Water Board after work was complete - No damage to FL340 was found. The workers were cleared away from the feeder line when it was being tested, and also at the end of the day before FL340 was re-energized.

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

9-26-95
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

202

TO Area Engineer,
CELMN-CD-NO

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

DATE Friday
22 September 1995

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, rain, 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 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 0.70"	ENDING 0730	M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 2-16	TOTAL 2-16	LABOR
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FEET 2.3'	TIME 0800	M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 3-24	SKILLED 14-102	LABORERS 17-123	TOTAL 34-249	FROM 0700	TO 1730	FROM M	TO 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. - REINFORCED CONCRETE FLOODWALL; SHEET PILES
- b. Gill's Crane Service, Inc. - SHEET PILES
- c. Barnes Electric - TEMPORARY FEEDER LINE RELOCATION

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. Repairing I-Wall forms for next reach of work; concrete finishers repairing W Monos #115, #114, #113 and #112; pulling existing AZ-18 sheet piles from E B/L Sta 71+40 to 71+06
- b. Pulling Frodigham sheet piles from E B/L Sta 109+15 to 108+50
- c. Temporarily relocating FL340 between E B/L Sta 72+95 and 76+50

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground conditions on 13 Sep 95.

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 Barnes Electric this date.
See attached QCQ report.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.3%
PERCENT TIME ELAPSED: 63.6%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

The following CQC Inspection Phases were attended this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
STEEL SHEET PILES: No instructions given.
PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: No instructions given.
TEMPORARY FEEDER LINE RELOCATION: 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

The following Follow-up Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed contractor continuing to work on I-Wall forms at Robert E. Lee Blvd. in preparation for next reach of work. Observed concrete finishers chipping, patching and repairing W Monos #115, #114, #113 and #112. Finishers are repairing holes and fins and smoothing out monoliths.

PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: Observed contractor pulling existing AZ-18 sheet piles from E B/L Sta 71+40 to 71+06. Contractor pulled sheets out one at a time. Sheets were stacked on levee crown to be hauled off at a later date.

STEEL SHEET PILES: Observed contractor pulling up existing Frodingham sheet piles from E B/L Sta 109+15 to 108+50. Sheets were stacked on levee crown to be hauled off at a later date.

TEMPORARY FEEDER LINE RELOCATION: Observed contractor temporarily relocating FL340 between E B/L Sta 72+95 and 76+50. Noted that feeder line was placed on ground and will be covered, in work areas, by sheet piling, as required. Sewerage and Water Board conducted tests to ensure there was no damage done to the feeder line during the relocation.

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

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.

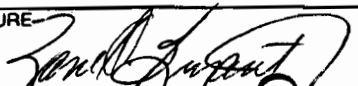

Contractor's Quality Control Report (submitted/not submitted) for this (date/period).

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
Z. Bryant	Const. Insp. (GS-07)	07	QAR
J. Avettant	Const. Insp. (GS-04)	07	QAR

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

Contractor had feeder lines deenergized before starting work in area. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE Zane D. Bryant 	DATE 26 Sep 95	SUPERVISOR'S INITIALS 	DATE 10/2/95
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 9/22/95

REPORT NO.: 251

SKIES: Cloudy - Rain

RAIN: 0.70 IN. TEMP.: 60 MIN 76 MAX

DUST: None

LEEVE CONDITION: Wet CANAL GAUGE: (2.3) NOISE: Moderate

WORK PERFORMED/LOCATION

Btk Construction - Carpenters worked on repair of I-wall forms in the yard at Robert E. Lee Blvd. and Pratt Drive. Cement finishers patched and repaired concrete surfaces of West I-wall Monoliths #115, and portions of #114, #113, and #112 (Not completed yet). Pulled existing AZ-18's on the East Bank from B Station 71+40 to Sta. 71+06. Worked on Temporary Water connections at Filmore Avenue, East Bank. Laborers cut grass + weeds, and assisted carpenters, finishers, and pile drivers. Surveyor marked holes for Rebar in C2-101 Sheet piles at East Monoliths.

Gill's Crane Service - Pulled existing Frodingham Sheet piles on the East Bank between station 109+15 and station 108+50. Stacked these along the levee crown, and hauled some off the jobsite by truck for salvaging.

Barnes Electric - Relocated FL340 temporarily between East B Station 72+95 and Sta. 70+50. A test was done to insure the integrity of the feeder line after work was completed.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	Btk Const.	Repairing I-wall forms;
11	Skilled	84	"	Finishing concrete surfaces on
2	Supt.	16	"	West I-wall Monoliths; Pulling existing
1	QC. Rep.	8	"	AZ-18 sheet piles on the East Bank;
				Cutting grass + weeds; Working
				on Temporary Water Connections (See Above)
1	Skilled	8	Gill's Crane	Pulling existing Frodingham
2	Unskilled	16	"	Sheet piles on the East Bank
				(See Locations Above)
2	skilled	10	Barnes Elect.	Relocating FL340 Temporarily.
3	Unskilled	15	"	(See Locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	yes	3	5	—
Case 580 Backhoe #2	—	yes	3	5	—
Koehring 535 crane #1	—	yes	7	1	—
Koehring 535 crane #2	—	No	0	8	—
MKT V-5 Vib. Hammer	—	yes	7	1	—
MKT V-5 Vib. Hammer	Rental	yes	7	1	—
Fiat-Allis MotorGrader	—	No	0	8	Repairs Needed
Mantis 3612 Crane	—	yes	4	4	—
JSW Excavator	—	yes	3	5	—
Welding Machine	—	NO	0	8	—
Komatsu 200 Exc. #2 with EMU-300 hammer	—	yes	4	4	—
Koehring 405 Crane	—	yes	7	1	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring on the East Bank near station 71+50. The results of these tests are being furnished to the Orleans Levee Board. No excessive vibrations were noted, according to the Delta Technician on site.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the relocation of FL340 on the East Bank today between station 73+00 and 76+50. The feeder line was supported by 8" cable rollers, lowered by hand with rope hoists, and moved away from the existing floodwall approx. 5' toward the Canal Side. The feeder line was placed directly on the ground, and will be covered by steel sheet piling in work areas as required. No damage was done to this feeder line, or the spliced connection in the area relocated today. The Sewerage & Water Board's "Central Control" performed tests to make sure that no damage was done during the relocation process.

Also inspected the pulling of AZ-18 sheet piles on the East Bank, between Station 71+40 and 71+00. These sheet piles were pulled one single piece at a time, using the Keckring 405 crane and V-5 vibratory hammer. These pieces of AZ-18's were stacked along the Land Side of the levee crown, to be hauled off, beginning on Monday. The Orleans Levee District was notified of this today.

JOB SAFETY

Checked the carpenter crew working in the Pratt Drive and Robert E. Lee Blvd. for safety glasses and hard hats. These employees were wearing proper head protection, eye protection, and steel toe boots.

Checked the jobsite for any pollution from oil or fuel leaks or spills. No sign of ground contamination from contractor's activities was found.

REMARKS

Rain and wet soil slowed down our production today. Rain shower at 2:00 pm shut down all work and workers were sent home early.

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

9-25-95
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
201

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

DATE Thursday
21 September 1995

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 and hot

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 72°	MAXIMUM 92°

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 aM

NUMBER OF GOVERNMENT EMPLOYEES

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

Canal RIVER STAGE	
FEET 2.3'	TIME 0800 aM

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
3-24	12-96	14-112	29-232

NUMBER OF SHIFTS

1 2 3

FROM	TO	FROM	TO	FROM	TO
0700 M	1730 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. - REINFORCED CONCRETE FLOODWALL; TEMP FLOOD PROT.; SHEET PILES
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- 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. Repairing I-Wall forms; patching and repairing W Monos #118, #117, #116 and #115; pulling existing AZ-18 sheet piles from E B/L Sta 72+50 to 71+40; working on alignment of temporary cofferdam
- b. Pulling existing RZ-10 sheet piles from E B/L Sta 110+00 to 109+15

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground on 13 Sep 95.

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.

DATE SET FOR COMPLETION: 09 MAY 96 PERCENT PROJECT COMPLETE: 39.2%
PERCENT TIME ELAPSED: 63.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
TEMPORARY FLOOD PROTECTION: No instructions given.
STEEL SHEET PILES: No instructions given.
PULL, CLEAN SALVAGE AZ-18 SHEET PILES: 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

The following Follow-up Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed contractor still working on I-Wall forms for next reach of work. Observed concrete finishers repairing defective areas on W Monos #118, #117, #116 and #115, P/S. Finishers chipped areas, filled with mortar mix, and rubbed monos to a smooth finish.

TEMPORARY FLOOD PROTECTION: Noted that contractor worked on alignment of temporary cofferdam, between E B/L Sta 99+75 and 97+00.

PULL, CLEAN, SALVAGE AZ-18 SHEET PILES: Observed contractor pulling AZ-18 sheet piles from E B/L Sta 72+50 to 71+40, using the Koehring 405 and V-5 vibro hammer. Sheets were pulled out one at a time and stacked on the crown of the levee, P/S. At a later date, sheets will be hauled off to be cleaned and then delivered to the Orleans Levee Board.

STEEL SHEET PILES: Observed contractor pulling existing RZ-10 sheet piles from E B/L Sta 99+75 to 97+00. Sheet piles were pulled up in pairs and stacked on the crown of the levee, P/S. Some sheets were hauled off to be salvaged, others will be taken at a later date.

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

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

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)	07	QAR
J. Avettant	Const. Insp. (GS-04)	07	QAR

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

Observed contract personnel wearing safety shoes and hard hats on the project. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Jennifer Avettant

DATE

25 Sep 95

SUPERVISOR'S INITIALS

ew

DATE

10/2/95

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

DATE: 9/21/95

REPORT NO.: 250

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 72 MIN 92 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.3) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B&K Construction - Carpenters continued working on I-Wall forms in the Robert E. Lee staging area. Cement finishers patched and repaired concrete I-Wall at West Monoliths #118, #117, #116, and 1/2 of #115 today. Pulled existing AZ-18 sheet piles from East B₂ 72+50 to Sta. 71+40. These sheet piles were stacked on the levee crown, to be hauled off, cleaned, and delivered to the Orleans Levee Board later. Laborers cut grass + weeds, and assisted carpenter crew, pile driving crew, and cement finishing crew. Surveyor worked on new G layout from Filmore to Pump Sta. #4. Also worked on Temporary Cofferdam, correcting some minor problems between East B₂ Station 99+75 and 99+00.
- ② Gill's Crane Service - Pulled existing RZ-10 sheet piles on the East Bank from station 110+00 to station 109+15. Stacked these on the levee crown, and hauled some of them off by truck for salvaging.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	96	B&K Const.	Repairing I-wall forms; Pulling
11	Skilled	88	"	AZ-18 sheet piles; Finishing
2	supt.	16	"	I-Wall concrete; Correcting Temp.
1	Q.C. Rep	8	"	Cofferdam sheet pile tip elev's; Cutting grass + weeds.
				(See Locations Above)
1	Skilled	8	Gill's Crane	Pulling, stacking + removing
2	Unskilled	16	"	existing RZ-10 sheet piles
				(See Locations Above)

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring on the East Bank near B station 109750 today. No excessive vibrations were recorded, according to the Delta Technician on site today. Results are furnished only to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the pulling of existing A2-18 sheet piles on the East Bank. The Koehring 405 Crane and rented V-5 vibratory hammer were used to pull these piles, one single piece at a time. They were then stacked along the levee Land Side Crown in such a manner as not to damage the sheets, or coal tar epoxy coating. These sheet piles will be moved to an offsite location to be water-blasted clean, then hauled to the Orleans Levee Board maintenance yard at 6920 Franklin Avenue, No., LA. Gill's Crane Service will perform this part of the work.

Also inspected the pulling of R2-10 sheet piles on the East Bank. The Koehring 535 Crane and MKT V-5 vibratory hammer were used to pull these piles in pairs, and then stack them along the levee Land Side Crown. A truck and trailer were used to haul some of these sheets off for salvage. No damage to the I-Wall was noted, except for a few spots where the fractured fins were chipped. The Cement Finishers will repair these areas as needed.

JOB SAFETY

Checked with equipment operators to insure that they have inspected their equipment today, and each day, prior to start up. Reminded these operators that they alone are responsible for these inspections. If a problem or defect is found, and this information is communicated to the Supt. or myself, the responsibility becomes ours to have it corrected. Operators are instructed not to operate unsafe equipment under any circumstance.

REMARKS

A sketch of the adjusted I-Wall & between East B Station 99+69.22 and Sta. 85+54.63 was furnished to the Government today for review and approval. The plan & layout did not fit existing A2-18 sheet piles to be capped, and the Government asked me to design a new & layout off of the East B that would fit the existing A2-18 sheet pile alignment.

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 G C Representative

9-22-95
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 200	
TO Area Engineer, CELMN-CD-NO			COPY TO: C/Const. Div. CELMN-CD			DATE Wednesday 20 September 1995	
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 and hot	
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS						TEMPERATURE	
STRUCTURAL EXCAVATION 100 %	BORROW EXCAVATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %	MINIMUM 72°	MAXIMUM 93°	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)						24 HOUR PRECIPITATION	
						INCHES 0.00"	ENDING 0730 a M
NUMBER OF GOVERNMENT EMPLOYEES						Canal RIVER STAGE	
SUPERVISORY 1-1	OFFICE	LAYOUT	INSPECTION 1-8	TOTAL 2-9	LABOR	FEET 2.3'	TIME 0800 a M
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3			
SUPERVISORY 3-26	SKILLED 12-104	LABORERS 17-121	TOTAL 34-251	FROM 0700 M	TO 1730 M	FROM M	TO M
Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite. Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.							
CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY							
a. <u>B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL: TEMPORARY FLOOD PROTECTION</u>							
b. <u>Gill's Crane Service, Inc. - STEEL SHEET PILES</u>							
c. <u>Barnes Electric - FEEDER LINE RELOCATION</u>							
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. Carpenters repairing I-Wall forms; concrete finishers patching W Monos #121, #120 and #119; pulling AZ-18 sheet piles from E B/L Sta 72+94 to 72+50; drove temporary cofferdam tie-in sheets							
b. Pulled RZ-10 sheet piles from E B/L Sta 110+65 to 110+00							
c. Temporarily relocated FL340 between E B/L Sta 70+10 and 72+95							
Days of no work and reasons for same:							
50% of day lost due to adverse weather/wet ground on 13 Sep 95.							
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 Barnes Electric. See attached CQC report.							
DATE SET FOR COMPLETION: <u>09 May 1996</u>						PERCENT PROJECT COMPLETE: <u>39.1%</u>	
						PERCENT TIME ELAPSED: <u>63.3%</u>	
CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:							
Attended the following CQC Inspection Phases this date:							
<u>REINFORCED CONCRETE FLOODWALL</u> : No instructions given.							
<u>TEMPORARY FLOOD PROTECTION</u> : No instructions given.							
<u>STEEL SHEET PILES</u> : No instructions given.							
<u>TEMPORARY FEEDER LINE RELOCATION</u> : 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

The following Follow-up Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed contractor repairing and modifying I-Wall forms for next phase of work. Observed contractor chipping areas on W monoliths that needed to be repaired. Defective areas were patched and repaired on W Monos #121, #120 and #119 with a mortar mix.

TEMPORARY FLOOD PROTECTION: Observed that contractor drove temporary cofferdam tie-in sheets at E B/L Sta 72+95. Contractor also drove temporary cofferdam sheet piles from E B/L Sta 95+75 to 95+45. Contractor redrove sheets between E B/L Sta 99+62 and 99+70, these sheets had to be pulled due to the FL422 crossing. Contractor left a gap at this location and when contractor tried to close gap, sheets could not be properly interlocked, so he had to pull the sheets that were already driven, and redrive area for proper alignment and interlocking. Contractor pulled 11 pairs of AZ-18 sheet piles from E B/L Sta. 72+94 to 72+50. Contractor temporarily placed sandbags at E B/L Sta 70+10 until sheets are driven for tie-in. Also, contractor continued to cut RZ-10 sheet piles for temporary cofferdams.

(CONTINUED ON QUALITY ASSURANCE REPORT SUPPLEMENT SHEET, SEE ATTACHED)

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	Proj Engr (GS-11)	01	PE
J. Avettant	Const Insp (GS-04)	07	QAR

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

Noted that feeder lines are being de-energized South of Pumping Station #4 during work hours. No safety infractions noted this date.

INSPECTOR'S SIGNATURE <i>Jennifer D. Avettant</i> Jennifer D. Avettant	DATE 25 Sep 95	SUPERVISOR'S INITIALS <i>gwa</i>	DATE <i>10/17</i> 10/2/95
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QUALITY ASSURANCE REPORT SUPPLEMENT

CONTRACT NO.: DACW29-94-C-0079

QAR# 200

DATE Wed., 20 Sep 95

QUALITY ASSURANCE INSPECTIONS PERFORMED & RESULTS:

(CONTINUATION OF ENG 2538-2, QUALITY ASSURANCE REPORT)

STEEL SHEET PILES: Observed contractor pulling existing RZ-10 sheet piles from E B/L Sta 110+65 to 110+00. Some piles were hauled off to be salvaged. Other piles were stacked on crown of levee to be hauled away at a later date.

TEMPORARY FEEDER LINE RELOCATION: Observed contractor temporarily relocating FL340 between E B/L Sta 70+10 and 72+95. Feeder line was moved over approximately 6' towards the canal side and placed next to the temporary cofferdam.

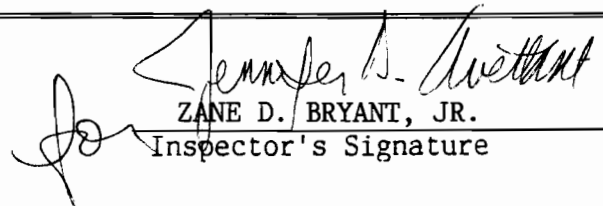
QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS ISSUED TO CONTRACTOR:

None.

REMARKS:

None.


ZANE D. BRYANT, JR.
Inspector's Signature

QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed personnel pulling
existing A2-18 sheet piling near Mirabeau Ave.
Cottardam sheets in place but leakage is
evident throughout area. A2-18 sheets being
stockpiled on Pls lavaa slope to be
moved + cleaned at later date. Subcontractor
personnel was observed moving temp. ~~lines~~
fracture lines in vicinity of Mirabeau Ave
working towards Filmore Ave. Finishers
observed working on fractured fin area
of well on west side filling air holes.

Instructions to COC/Remarks: None given.

Chrisf Wagner Proj Engr
Name Title

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

DATE: 9/20/95

REPORT NO.: 249

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 72 MIN 93 MAX

DUST: minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.3) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Carpenters continued repair and modification of I-Wall forms. Cement Finishers patched and repaired West I-Wall Monoliths #121, #120, and #119. Pulled AZ-18 sheet piling from East B Sta. 72+94 to Sta. 72+50 (11 pairs at ± 48" each pair). Drove temporary cofferdam tie-in sheets at E. B Sta. 72+95. Temporarily sandbagged the tie-in at 70+10 (East B), until sheet pile tie-in can be made. Drove Temporary Cofferdam sheet piles at East B station 95+75 to Station 95+45, and redrove sheets between E. B 99+62 and 99+70 to close the gap at the FL422 crossing. Continued cutting RZ-10 sheet piles into 13' lengths for Temporary Cofferdams. Laborers assisted finishers, carpenters, and pile drivers.

Gill's Crane - Pulled existing RZ-10 sheet piling from East B station 110+65 to Station 110+00. Hauled some of these off the job for salvage.

Barnes Electric - Relocated FL340 temporarily between East B Sta. 70+10 and Sta. 72+95. Moved the feeder line over approx. 6' towards the Canal side, next to the Temp. Cofferdam.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	90	B+K Const.	Repairing I-Wall forms; Finishing
11	skilled	86	"	I-Wall concrete surfaces; Driving
2	Supt.	18	"	Temp. Cofferdams and tie-ins;
1	QC. Rep	8	"	Pulling AZ-18 sheet piles and stacking on the levee. (See Locations Above)
1	Skilled	8	Gill's Crane	Pulling RZ-10 existing sheet
2	Unskilled	16	"	piles (see Location Above)
2	Skilled	10	Barnes Elect.	Relocating FL340 for I-Wall
3	Unskilled	15	"	construction (See Location Above)

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed monitoring of vibrations caused by pile driving work today. Results of these tests are furnished to the Orleans Levee Board only. Location of the tests were E. B. Station 95+50 and E. B. Sta. 99+75.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the Temporary Relocation of Electric Feeder Lines (FL340) done today on the East Bank between B Station 70+10 and station 73+00. The feeder line was supported by an 8" cable roller, attached to a rope, and lifted by a boom truck. The feeder line was then manually moved out approximately 6' towards the Canal Side, and set on the ground adjacent to the Temp. Cofferdam. The feeder was set into slots cut in the Temporary Cofferdam at each end of this 300' section, to be water proofed and tie-ins completed by BTK Construction. No problems were encountered, and no damage was done to FL340 today.

Inspected the cement finishing work done on West I-Wall Monoliths today. White and grey portland cements were blended to yield a mortar mix that matches existing wall color. Air holes were patched and smoothed over, if their diameter was 1/2" or larger. Protruding ridges or other concrete defects were chipped, and patched over smoothly. The fractured fin area was also patched.

JOB SAFETY

FL340 was de-energized prior to any work in its' vicinity. After relocation was complete, the feeder line was tested by Central Control (Orleans Sewerage & Water Board). No damages or problems were observed, according to these tests.

REMARKS

Initial inspection of Temporary Feeder Line Relocation will be performed tomorrow, or when Inspector Zane Bryant returns to work.

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

Jerry Justice
Authorized Q C Representative

9-21-95
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

199

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

DATE Tuesday
19 September 1995

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 and hot

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 70°	MAXIMUM 94°
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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 a M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

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

FEET	TIME
2.5'	0800 a M

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS 1 2 3

SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
3-24	12-94	14-108	29-226	0700 M	1730 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. - REINFORCED CONCRETE FLOODWALL; TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- 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. Carpenters working on I-wall forms; concrete finishers repairing and patching W Monos #124, #123, #122 and #121; steel sheet piles driven for temporary flood protection.
- b. Pulled RZ-10 sheet piles from E B/L Sta 111+45 to 110+65.

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground on 13 Sep 1995.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.0%

PERCENT TIME ELAPSED: 63.1%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
TEMPORARY FLOOD PROTECTION: No instructions given.
STEEL SHEET PILES: 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

The following Follow-up Inspections were performed this date:

REINFORCED CONCRETE FLOODWALL: Observed contractor chipping areas on monos that needed to be repaired. Areas were filled in with mortar mix and made smooth by personnel. Contractor patched W Monos #124, #123, #122 and part of #121, P/S. Carpenters are still working on I-wall forms, repairing forms for next reach of work.

TEMPORARY FLOOD PROTECTION: Noted that contractor drove some corner pieces of temporary flood protection at E B/L Sta 70+20 and also, at E B/L Sta 73+00 to tie in existing floodwall and temporary protection. Observed contractor drove salvaged RZ-10 sheet piles from E B/L 96+35 to 95+75.

STEEL SHEET PILES: Observed contractor continuing to pull existing RZ-10 sheet piles from E B/L Sta 111+45 to 110+65. Contractor is stacking sheet piles on the crown on the levee to be hauled off and salvaged at a later date.

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

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).
~~XXXXXXXXXXXX~~ ~~XXXXXX~~

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

NAMES	GOVERNMENT PERSONNEL ON SITE		
	DESIGNATION	HRS. ON SITE	DUTIES
J. Avettant	Const Insp (GS-04)	07	QAR

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

Observed contractor is providing adequate drinking water and other fluids to its employees to prevent possible dehydration during this hot weather. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE <i>Jennifer D. Avettant</i> Jennifer D. Avettant	DATE 21 Sep 95	SUPERVISOR'S INITIALS <i>[Signature]</i>	DATE 9/29/95
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QUALITY CONTROL REPORT
 DACW29-94-C-0079
 LONDON AVENUE OUTFALL CANAL
 B & K CONSTRUCTION JOB NO. 9402

DATE: 9/19/95

REPORT NO.: 248

SKIES: Clear - Pt. Cloudy RAIN: 0 IN. TEMP.: 70 MIN 94 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.5) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Carpenters continued repairing and modifying I-Wall forms. Worked on Keebring 405 Crane, drove some of the corner pieces of Temp. Flood Protection Sheet piles at E. B. Sta. 70+20 and station 73 too. The rest will be driven after FL340 is relocated. Drove Temp. Flood protection sheets from E. B. Sta. 96+35 to Sta. 95+75. Cement finishers patched and repaired West I-Wall monoliths #124, #123, #122, and 1/2 of #121. Used the oxygen-acetylene torch to cut sheet piles in half and cut handling holes for Temp. Cofferdam work. Laborers cut grass and weeds, and assisted carpenters, finishers, + pile drivers. Surveyor established control elevations for Temp. Flood Protection.

Gill's Crane Service - Pulled existing R2-10 sheet piles from East B Station 111+45 to station 110+65. Stacked these sheet pile pairs along the levee crown, to be salvaged later.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	B+K Const.	Working on I-wall forms; Driving Temp. Cofferdam piling and corners; Repairing I-wall concrete surfaces; Cutting grass and weeds; Working on Keebring 405 Crane; Establishing vertical controls. (SEE ABOVE)
11	Skilled	86	"	
2	Supt.	16	"	
1	Q.C. Rep	8	"	
1	Skilled	8	Gill's Crane	Pulling existing R2-10 sheet piles on the East Bank for salvage (SEE ABOVE)
2	Unskilled	16	"	

QUALITY CONTROL REPORT
EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	Yes	3	5	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	No	0	8	—
Case 580 Backhoe #1	—	Yes	3	5	—
Koehring 535 Crane #1	—	Yes	8	0	—
Koehring 535 Crane #2	—	No	0	8	—
MKT Vibro Hammer	—	Yes	8	0	—
MKT V-5 Hammer	Rental	Yes	4	4	—
Fiat-Allis MotorGrader	—	Yes	2	6	—
Mantis 3612 Crane	—	Yes	4	4	—
JSW Excavator	—	Yes	3	5	—
Welding Machine	—	No	0	8	—
Komatsu 200 Exc. and EMU-300 Hammer	—	Yes	6	2	Repaired EMU-300 Hyd. Hose
KOEHRING 405 Crane	—	Yes	4	4	—
Case 580 Backhoe #2	—	Yes	3	5	—

MATERIALS RECEIVED

NONE RECEIVED TODAY

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring on the East Bank at approx. Station 96+00. No excessive vibrations were recorded today or any other day, according to the Delta Technician today. Test result documents will be furnished to the Orleans Levee Board only.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the Temporary Flood Protection work done today on the East Bank. Sheet pile corners were driven to tie flood protection into existing floodwall at approximate stations 70+20 and 73+00. Tie-ins will be completed and made water tight after FL340 is relocated and passed through this sheet pile wall.

Inspected Temp. Flood Protection between East B 97+00 and 96+35 done today. Sheets were all salvaged RZ-10 piling pairs, approx. 13'-6" long. Cut off elevation was +7.25 due to existence of handling holes 4" to 6" down from the top of each sheet pile. Interlocks were fully engaged for the full length of the piling.

Some Temp. Flood Protection sheets must be pulled up, measured and marked to insure that the tip elevation is -4.50 or lower. Some sheets longer than 12' could NOT be driven to desired cut-off grade. These will be marked so that we can insure penetration to -4.50 elevation. (Only isolated sheets between East B 99+70 and 97+00.)

JOB SAFETY

Inspected Rigging used to lift I-wall forms in the Robert E. Lee Blvd. Staging area. All slings, shackles, hooks, etc., were in good condition, as well as the lifting brackets on the forms. Only qualified operators were allowed to operate the Manitex cranes.

Checked for oil and fuel leaks. No ground contamination was observed due to contractor's activities.

REMARKS

We received documents today from the Government outlining the modifications to the contract (CEN 06), which basically deletes East Bank work between B Station 99+69.23 and station 100+11.29. The project Superintendents Mike Tascia + Al Stechmann, as well as myself, have reviewed and become familiar with these changes.

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

9-20-95

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

198

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

DATE Sat, Sun, Mon
16, 17, 18 Sep 1995

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

CONTRACT NUMBER
DACW29-94-C-0079

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

WEATHER
Clear and hot

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 70°	MAXIMUM 89°
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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	a M
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NUMBER OF GOVERNMENT EMPLOYEES

Canal RIVER STAGE

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 2-16	TOTAL 2-16	LABOR
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FEET 2.1'	TIME 0800	a M
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NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

1 2 3

SUPERVISORY 4-26	SKILLED 13-97	LABORERS 14-108	TOTAL 31-231	FROM 0700 M	TO 1730 M	FROM M	TO M	FROM M	TO M
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Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
Note: If the contractor's Quality Control Report (OCR) contains the information it need not be repeated

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY

- a. B & K Const. Co., Inc. - REINFORCED CONCRETE FLOODWALL; TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- c. Barnes Elect. - FEEDER LINE RELOCATION

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. Carpenters repairing I-Wall form; sheet piles driven from E B/L Sta 96+95 to 96+35 for temporary flood protection; worked on cofferdam tie-in; concrete finishers patching and repairing W Monos #127, #126, #125 and #124, P/S.
- b. Pulled RZ-10 sheet piles from E B/L Sta 112+40 to 111+45.
- c. Preparing for feeder line relocation.

Days of no work and reasons for same:

50% of day lost due to adverse weather wet ground on 13 Sep 1995.

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 Barnes on 18 Sep 95. No work was scheduled or performed on 16 or 17 Sep 95.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 39.0%

PERCENT TIME ELAPSED: 63.0%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions given.

TEMPORARY FLOOD PROTECTION: No instructions given.

STEEL SHEET PILES: No instructions given.

FEEDER LINE RELOCATION: 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

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

REINFORCED CONCRETE FLOODWALL: Observed contractor continuing to repair and modify I-Wall forms for next reach of construction. Observed concrete finishers chipping and repairing W Monos #127, #126, #125, and #124, P/S. Finishers patched fins and repaired holes with mortar mix.

TEMPORARY FLOOD PROTECTION: Observed contractor cutting piles in half to be used on cofferdam. Contractor drove sheet piles from E B/L Sta 96+95 to 96+35 for temporary flood protection. Contractor drove salvaged RZ-10 sheet piles to a cut-off elevation of +7.25 for flood protection.

STEEL SHEET PILES: Observed contractor pulling existing RZ-10 sheet piles from E B/L Sta 112+40 to 111+45. Some sheets that were salvaged were delivered to Filmore for temporary cofferdam work. Other sheets were stacked on levee crown to be hauled off at a later date.

The following Preparatory Inspection was performed this date:

Temporary Feeder Line Relocation: See attached minutes.

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
Z. Bryant	Const. Insp. (GS-07)	07	QAR
J. Avettant	Const. Insp. (GS-04)	07	QAR

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

Contractor held safety meeting this date, see attached minutes. No safety infractions noted this date.

INSPECTOR'S SIGNATURE

Jennifer D. Avettant

DATE

20 Sep 95

SUPERVISOR'S INITIALS

gw [Signature]

DATE

10/13
9/26/95

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

DATE: 9/18/95

REPORT NO.: 247

SKIES: Clear

RAIN: 0

IN. TEMP.: 70 MIN 89 MAX

DUST: Minimal / LEVEE CONDITION: Dry CANAL GAUGE: (2.1) NOISE: Moderate

WORK PERFORMED/LOCATION

- ① B&K Construction Company - Carpenters and laborers continued to repair and modify I-Wall forms for the next two reaches of floodwall construction. Operators graded Temp. Access Roads, loaded and hauled RZ-10 sheet piling to Filmore Avenue → P.S. #4 reach, and worked on Koehring 405 Crane set up. Also handled Steel I-Wall forms for Carpenters. Temporary Flood Protection sheets were driven from East B Sta. 96+95 to Sta. 96+35. Also worked on Cofferdam tie-in at Mirabeau. Moved Koehring 405 crane into position on the East Bank at Mirabeau Avenue. Cut pulled sheet piles in half for Temp. Cofferdams with acetylene torch rig. Cement finishers patched and rubbed West I-wall monoliths #127, 126, 125, and 1/2 of #124 today (Land side only).
- ② Gill's Crane - Pulled existing RZ-10 sheet piles from East B Sta. 112+40 to Sta. 111+45. Stacked these along the Levee Crown for salvaging. Some of these sheet pile pairs were hauled to Filmore Ave for Temp. Cofferdam work.
- ③ Barnes Electric - Doing preparatory work for upcoming Feeder Line Relocation (To begin on Wednesday 9-20-95).

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
12	Unskilled	92	B&K Const.	Repairing I-Wall forms; Driving
11	Skilled	87	"	Temp. Cofferdams; Finishing
2	Supt.	16	"	I-Wall Concrete Surfaces;
1	O.C. Rep.	8	"	Grading Access Roads;
				Working on equipment. (See Locations Above)
1	Skilled	8	Gill's Crane	Pulling RZ-10 sheet piles
2	unskilled	16	"	(See Location Above)
1	Skilled	2	Barnes Elect.	Preparing for Temp. Relocation
1	Supv.	2	"	of FL340.

QUALITY CONTROL REPORT
EQUIPMENT

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

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by pile driving work on the East Bank near B station 96+50 today. Results will be furnished to the Orleans Levee Board only.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

See minutes attached for Preparatory Inspection of "Temp. Relocation of Feeder Lines".

Inspected the cement finishing work done today on the West Bank I-Wall Monoliths (#127 through #124). Ridges, form lines, and bulges were chipped, grinded or rubbed smooth. Holes were reamed, chipped, and patched smooth after applying bonding agent to the repair areas. Fractured fins were repaired where needed, and holes/honeycombs were patched in this area too.

Also checked the Temp. Flood Protection work on the East Bank today. The EMV-300 Vibratory Hammer attached to the Komatsu 200 Exc. was being used to drive RZ-10 Salvaged Sheet piles to a cut off elevation of +7.25 (due to handling holes 4" to 6" below the top). Sheet piles were ± 13.5' in length, fully interlocked. The Ground Elevation at point of entry was +2.00 to +2.50 approximate.

JOB SAFETY

Weekly safety meeting was held today in the Robert E. Lee Staging Area. The recently hired on contractor's personnel were informed of job hazards, and safety requirements. Electrical feeder line safety procedures were also discussed. Minutes are attached to this report.

Checked exhaust systems on all diesel engines. No excessive smoke, fumes, or noise was observed.

REMARKS

Preparatory Inspection meeting for Temporary Relocation of Feeder Lines was held today. Find minutes of the meeting attached to this report.

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

9-19-95
Date

MINUTES OF SAFETY MEETING

DATE: 9-18-95

TIME: 7:00 AM

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

MEETING CONDUCTED BY: Jerry Justice

PERSONS ATTENDING:

Jerry Justice
James K. Gentilini
Ernest Zeman
Blaise
W. Mike Sullivan
Bruce Jones Jr.
Scott W. Hill Sr.
Ray Bourgeois

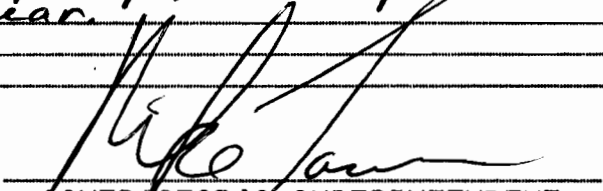
Eric Bailey
Gregory Johnson
Robert White
Arthur B. Brown
Bryan Verdun
Jack Leonard
Gene Thome
Dale J. Stumpf
Frank Bynum
Mike Conrath

TOPICS DISCUSSED:

Discussed flagging of cranes and backhoes as they work on the Canal side of the levee. Flagmen must be in a position to see the work, and have the operator able to see the flagman. Only experienced flagmen should be used for this work, who know the hand signals for cranes. Flagmen should try to communicate vocally with the operator instead of relying on hand signals whenever possible. Never let an operator work blind (with no flagman). Also reminded the crews that they must check with their foreman, Supt., or myself to make sure that the electric feeder lines are de-energized, before starting any work in the feeder line areas.

COMMENTS:

I instructed the pile driving crews to make a daily check on vibratory hammers and rigging, looking for any loose belts, nuts, or shackles. Also, to check wire rope slings and any hooks, rings, or eyes for signs of abnormal wear.


CONTRACTOR'S SUPERINTENDENT

Temporary Feeder Line Relocation Preparatory Agenda

- 1) Advance notice given to Inspector Zane Bryant on 9-15-95 (Friday).
- 2) All necessary personnel have been notified of the meeting, time, and place.
- 3) Submittals have been checked to determine whether all requirements have been satisfied for this phase of work.
- 4) Methods of accomplishing this part of the work must be outlined to the satisfaction of all involved parties.
- 5) The Job Hazard Analysis and all safety requirements must be reviewed.
- 6) Quality Control procedures for monitoring and reporting must be discussed.
- 7) Have all parties present sign the attendance register upon satisfactory completion of the Preparatory.

ACW29-94-C-007

Temporary Feeder Line Relocation
Preparatory Meeting Minutes
9-18-95

A preparatory meeting was held today at 2:00 p.m. in the office of Inspector Zane Bryant to discuss the temporary relocation of electric feeder lines on the East Bank of this project. Present for the meeting were Mr. Chris Wagner, Ms. Jennifer Avettant, and Mr. Zane Bryant, from the U.S. Army Corps of Engineers. Mr. Clayton Perret represented the Orleans Sewerage and Water Board, and representing B+K Construction were Mr. Blake Andrews, Mr. Mike Tassin, Mr. Al Stechmann, and Mr. Jerry Justice. The electrical sub-contractor for this job, Barnes Electric, was represented by Mr. Ron Lorio, and Mr. Lionel Meyn. The required 24 hour notice was given to the Government representatives on Friday, Sept. 15, 1995.

Submittals were checked to be sure that requirements had been satisfied. All necessary submittals were submitted and approved for this phase. Mr. Tassin explained the procedures to be used by B+K Const. to protect the Feeder Line (FL340) in its temporary location. He stated that the cable will be moved into the previously excavated trench along the Land Side of the Temp. Cofferdam.

by Barnes Electric. BTK Construction will then cover the cable with steel sheet piling to protect it from damage. This protective plate covering will only be in place in the immediate work area, plus a 25' area on either side of the work area. Protection of FL340 will progress as construction moves forward.

Next, Mr. Lorio of Barnes Electric Company described the methods that they plan to use to actually move the cable. Hanging brackets will be attached to the existing concrete cap with Rope hoists rigged to them. The cable will be supported by 8" cable rollers, and gradually lifted in several places on a progressive decline towards the temporary location. Splices will be supported in a custom made collars to prevent twisting turning or separation during the move. The collars will remain attached to FL340 splices until after it has been moved to its permanent location. The same procedures will be used in reverse order to move FL340 to its permanent location after I-Wall is complete, at which time all splices will be completed and tested. Testing will be done by Sewerage + Water Board's Central Control.

Safety requirements were discussed next. Mr. Tassin said that each individual crew working on, or working near Feeder FL340 would have a responsible person sign up with Central Control each day. These crews may well be working in different locations and at different hours, thus the need for separate lock-outs of electrical energy. Barnes Electric Company's Mr. Lionel Meyn said that he will sign up on FL340 each day that his company works on the feeder. The need for testing the feeder will make it necessary for all parties to clear their personnel away from FL340, and release their names from the "Lock-out List" with Central Control. Upon completion of a successful test, responsible parties must again sign up on FL340 with Central Control for de-energization.

The Job Hazard Analysis was reviewed for this particular phase of work. Supt. Mike Tassin, Supt. Al Stechmann, and Electrician Lionel Meyn said that there were no problems that they could foresee in complying with all safety requirements outlined in the Job Hazard Analysis.

Mr. Ron Lorio said that he has splicing materials, tools, and equipment on hand for this project.

He stated that Barnes Electric also purchased 700 l.f. of cable for repairs on this job, should the need arise.

Mr. Clayton Perret said that he had inspected all the above-mentioned materials, and given his approval of these.

Mr. Perret reminded all parties that only one feeder line would be released for relocation or other work (on the actual feeder line itself) at a time. The contractor should be able to complete a splice within one working day, as work must be continuous on the splice once started until completed.

Mr. Tassin gave Mr. Perret the required 48 hour notice today to begin Temporary Relocation of FL340 on Wednesday. Mr. Perret reminded all present that the Sewerage and Water Board's Central Control has the right to deny access to FL340 due to weather conditions and other factors. They may also need to re-energize the feeder lines on short notice, and all work in the vicinity must stop as soon as possible.

Mr. Lionel Meyn brought up the question of cable Splices outside of our project limits that may be damaged by Temporary Relocation of Feeder Lines on our project. The case in point is Mirabeau Avenue on the West Bank, where an existing splice is located under the Mirabeau Bridge over London Canal. Mr. Lorio said that he has pictures of this splice, and it appears to be weakened and partially separated. Mr. Perret stated that we will deal with these situations as we encounter them, and he will take the matter under advisement.

With all matters adequately covered, and all parties clear on the scope and quality of work required, the meeting was adjourned.

Jerry Justice
B+K Construction
Quality Control Rep.

9-18-95

Attendance List

Temporary Feeder Line Relocation
Preparatory Meeting

Jerry Justice	B&K Construction
Al Stehmann	B&K CONSTRUCTION
CLAYTON T. PERRET	S&WB (ELECT.)
L. Meyn	BARNES ELECT.
ZANE BRYANT	COE QAR
Mike Tavin	B&K CONSTRUCTION
RON LORIO	W.J. Barnes Elect
BLAKE ANDREWS	B&K CONSTRUCTION
Jennifer Avettant	COE
Chris Wagner	COE

**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

197

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

DATE Friday
15 September 1995

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 and rain

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 71°	MAXIMUM 90°

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

24 HOUR PRECIPITATION	
INCHES 0.25"	ENDING 0730 a M

NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 2-14	TOTAL 2-14	LABOR
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FEET 2.7'	TIME 0800 a M
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NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY 3-22	SKILLED 11-76	LABORERS 10-72	TOTAL 24-170
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NUMBER OF SHIFTS

<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
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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. - REINFORCED CONCRETE FLOODWALL; TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service Inc. - STEEL SHEET PILES
- 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. Concrete finishers patching and repairing W Monos #129, #128 and #127; carpenters working on I-wall forms; driving sheet piles for temporary flood protection from E B/L Sta 97+30 to 96+95.
- b. Pulling up existing RZ-10 sheet piles from E B/L Sta 113+30 to 112+40

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground on 13 Sep 1995.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 38.9%
PERCENT TIME ELAPSED: 62.5%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
TEMPORARY FLOOD PROTECTION: No instructions given.
STEEL SHEET PILES: No instructions given.

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

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

REINFORCED CONCRETE FLOODWALL: Observed carpenters repairing I-Wall forms by changing the fractured fin form liner and plywood facing material. Observed concrete finishers repairing W Monos #129, #128 and #127 by chipping surfaces and patching areas with mortar mix.

TEMPORARY FLOOD PROTECTION: Observed contractor drove sheet piles from E B/L Sta 97+30 to 96+95 for temporary flood protection. Contractor used CZ-101, CZ-114 and RZ-10 sheet piles for this phase of work. Sheets were 12.5' and 18' long.

STEEL SHEET PILES: Observed contractor pulling up existing RZ-10 sheet piles from E B/L Sta 113+30 to 112+40. Some sheets were hauled off to be salvaged, others were stacked on the crown of the levee to be hauled off later.

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

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~~). XXXXXX

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)	07	QAR
J. Avettant	Const. Insp. (GS-04)	05	QAR

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

Observed all contract personnel wearing hard hats and safety shoes in accord with EM-385-1-1. No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

Zane D. Bryant
Zane D. Bryant

DATE

18 Sep 95

SUPERVISOR'S INITIALS

gms

DATE

10/13
9/25/95

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

DATE: 9/15/95

REPORT NO.: 246

* Rain out 2:30 PM

SKIES: Pt. Cloudy - Rain

RAIN: 0.25 IN. TEMP.: 71 MIN 90 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (2.7) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Carpenters continued working on I-wall forms, changing fractured lin form liner and plywood facing material. Used the oxygen-acetylene torch to cut pulled sheet piling in half for Temporary Flood Protection work. Probe Temporary Cofferdam sheet piles from East B Sta. 97+30 to sta. 96+95. (Equipment breakdown slowed production today.) Used the Kubota excavator to spread level and compact soil on the Canal side of existing floodwall between Mirabeau and Filmore Avenue. Operator moved I-wall forms for carpenters to work on them, and worked on set-up of Koehring 405 Crane. Cement finishers patched and repaired West Monoliths #129, #128, and #127 (#127 not completed yet). Surveyor re-established T.B.M.'s along East Bank levee crown, where silt fence had covered up original Bench Marks. Laborers cleaned up construction debris, and assisted carpenters, finishers, & pile drivers.

Gill's Crane - Pulled up existing sheet piles (R2-10) from East B Sta. 113+30 to sta. 112+40, and stacked these sheet pile pairs on the levee crown. Some were hauled off to be salvaged today.

CONTRACTOR/SUBCONTRACTORS AND
 AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
10	Unskilled	72	B+K Const.	Repairing I-wall forms;
10	Skilled	68	"	Driving Temporary Cofferdam
2	Supt.	14	"	Sheets; Working on Koehring 405
1	Q.C. Rep.	8	"	Crane; Cleaning up construction
				debris; Re-establishing Temp. Bench
				marks; Finishing I-wall concrete.
				(See Locations Above)
1	Skilled		Gill's Crane	Pulling existing R2-10 sheet
			"	piling
				(see Locations Above)

EQUIPMENT

DESCRIPTION	RR/DEP	SAFETY CHECK	HRS U _{LD}	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	2	6	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	yes	3	5	yes
Case 580 Backhoe #1	—	yes	3	5	—
Koehring 535 Crane	—	yes	6	2	—
MKT Vibro Hammer	—	yes	6	2	—
MKT V-5 Hammer	Rental	NO	0	8	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	4	4	—
KOMATSU EXC. 200 #2 and EMU-300 Vib. Hammer	—	yes	7	1	—
Case 580 BACKHOE #2	—	yes	3	5	—
WELDING MACHINE	—	NO	0	8	—
KOEHRING 535 CRANE	—	yes	0	8	—
KOEHRING 405 CRANE	—	yes	2	6	—
J.S.W. Excavator	—	yes	2	6	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing performed vibration monitoring on the East Bank at ± stations 97+00 today, adjacent to sheet pile driving work. Results of these tests are furnished only to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

Inspected the pulling of RZ-10 sheet piling on the East Bank. The MKT V-5 Vibrator hammer and the Koehring 535 Crane were used to accomplish this work. Pairs of RZ-10 Sheet piles were pulled, and stacked along the Land Side level crown, to be hauled off for salvage later. Some of these pairs were loaded up and hauled off today. No damage to the new \pm -wall was observed, and only minimal voids were observed.

Also inspected the Temporary Flood Protection Work done on the East Bank today. CZ-101, CZ-114, and RZ-10 sheets were being used to accomplish this work. The lengths of these sheets were 12.5' to 18' long, and all were fully interlocked. Cut off elev. was +7.25, to allow for the handling holes. Ground elevation varied from elev. +2.00 to elev. +2.50, and the alignment of the Temporary sheets was approximately 6' from the existing floodwall towards the Canal side.

JOB SAFETY

Checked the canal for signs of pollution from the contractor's activities. No evidence of oil, trash, or other contaminants was found.

Checked workers for hard hats and steel toe boots. No violations of these requirements were noted.

REMARKS

A preparatory meeting has been set up for Monday, 9-18-95, to discuss the Temporary Relocation of Electric Feeder Lines. The time of the meeting is still not set. Inspector Zone Bryant was notified today, however Mr. Clayton Perret could not be reached.

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.

John Justice
Authorized Q C Representative

9-18-95
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

196

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

DATE Thursday
14 September 1995

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 and hot

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 72°	MAXIMUM 90°
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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 a M
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NUMBER OF GOVERNMENT EMPLOYEES

SUPERVISORY	OFFICE	LAYOUT	INSPECTION 2-16	TOTAL 2-16	LABOR
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FEET 2.7'	TIME 0800 a M
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Canal RIVER STAGE

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

SUPERVISORY 3-26.5	SKILLED 12-103	LABORERS 15-126	TOTAL 30-255.5	FROM 0730 M	TO 1730 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. - REINFORCED CONCRETE FLOODWALL; TEMPORARY FLOOD PROTECTION
- b. Gill's Crane Service, Inc. - STEEL SHEET PILES
- 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. Carpenters patching and repairing I-Wall forms; concrete finishers patching W Monos #132, #131, #130 and #129; driving sheet piles for temporary flood protection between E B/L Sta 70+50 and 70+15 and between E B/L Sta 98+20 and 97+30.
- b. Pulling existing RZ-10 sheet piles from E B/L Sta 114+15 to 113+30.

Days of no work and reasons for same:

50% of day lost due to adverse weather/wet ground on 13 Sep 1995.

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.

DATE SET FOR COMPLETION: 09 MAY 96

PERCENT PROJECT COMPLETE: 38.9%

PERCENT TIME ELAPSED: 62.3%

CQC INSPECTION PHASES ATTENDED AND INSTRUCTIONS GIVEN:

Attended the following CQC Inspection Phases this date:
REINFORCED CONCRETE FLOODWALL: No instructions given.
TEMPORARY FLOOD PROTECTION: No instructions given.
STEEL SHEET PILES: No instructions given.

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

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

REINFORCED CONCRETE FLOODWALL: Observed carpenters repairing I-Wall forms in preparation for next reach of work. Observed concrete finishers chipping areas on monos that needed to be repaired. Finishers patched W Monos #132, #131, #130 and #129.

TEMPORARY FLOOD PROTECTION: Observed contractor cutting Frodingham 3NA sheet piles in half for temporary cofferdam. Sheet piles were driven between E B/L Sta 70+50 and 70+15 and between 98+20 and 97+30 for temporary flood protection. Some salvaged Frodingham sheets were used, along with CZ-114 and CZ-101.

STEEL SHEET PILES: Observed contractor pulling up existing RZ-10 sheet piles from E B/L Sta 114+15 to 113+30. Some piles were hauled off to be salvaged, others were stacked on the crown of the levee to be hauled off at a later date.

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

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

PE Chris Wagner instructed contractor to proceed with layout and construction of the W Bank I-Wall between W B/L Sta 70+47 and 99+83.67 as shown on contract drawings. Contractor was informed that no time extension will be given for submittal and technical review as well as negotiation of Contractor's proposal to move the wall 4' to the floodside of the existing wall.

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)	07	QAR
J. Avettant	Const. Insp. (GS-04)	07	QAR

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

Noted that back-up alarm was properly working on Case 580 backhoe this date. No safety infractions were noted.

INSPECTOR'S SIGNATURE Jennifer H. Avettant	DATE	SUPERVISOR'S INITIALS	DATE
	18 Sep 95	<i>wh</i>	10/13 9/25/95

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

DATE: 9/14/95

REPORT NO.: 245

SKIES: Pt. Cloudy

RAIN: 0

IN. TEMP.: 72 MIN 90 MAX

DUST: None

LEVEE CONDITION: Wet

CANAL GAUGE: (2.7) NOISE: Moderate

WORK PERFORMED/LOCATION

B+K Construction - Carpenters worked on I-wall forms in the Robert E. Lee Blvd. staging area. Cement finishers patched and repaired Land Side concrete surfaces of West I-wall Manoliths #132, #131, #130, and part of #129, including the fractured fin area. Laborers cut grass and weeds along the West Bank, and helped with form repair, cement finishing work, and pile driving. Two men cut pulled Frodingham 3NA Sheet piling in half with oxygen-acetylene torches, to be used for Temporary Cofferdam at Filmore -> Pump Sta. #4. Temporary Flood Protection sheet piles were driven in two places on the East Bank; Between East B station 70+50 and 70+15; and between E. B Sta. 98+20 and Sta. 97+30. Surveyor established elevations for Temporary Cofferdams.

Gill's Crane Service - Pulled existing R2-10 sheet piles on the East Bank from station 114+15 to station 113+30. Hauled some of these sheet pile pairs off the jobsite to be salvaged, and some were stacked along the levee crown to be hauled off later.

CONTRACTOR/SUBCONTRACTORS AND

AREAS OF RESPONSIBILITY

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
13	Unskilled	110	B+K Const.	Repairing I-Wall forms; Finishing
11	Skilled	95	"	I-Wall Concrete; Pulling Existing
2	Supt.	18	"	Sheet Piles; Cutting Pulled Piles
1	G.C. Rep	8.5	"	for Temp. Flood Protection; Driving
				Piles for Temporary Flood Protection;
				Cutting Grass & Weeds.
				(See Locations Above)
1	Skilled	8	Gill's Crane	Pulling existing R2-10 sheet
2	Unskilled	16	"	piling on the East Bank.
				(See Location Above)

EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HR [^] USED	IDLE	REPAIR
Komatsu 200 Excavator 1	—	yes	3	5	—
Komatsu D37P Dozer	—	No	0	8	—
Kubota 151 Excavator	—	yes	2	6	—
Case 580 Backhoe #1	—	yes	3	5	—
Koehring 535 Crane	—	yes	8	0	—
MKT Vibro Hammer	—	yes	8	0	—
MKT V-5 Hammer	—	yes	8	0	—
Fiat-Allis MotorGrader	—	No	0	8	—
Mantis 3612 Crane	—	yes	4	4	—
KOMATSU EXC. 200 #2 and EMV-300 Vib. Hammer	—	yes	8	0	—
Case 580 BACKHOE #2	—	yes	3	5	—
WELDING MACHINE	—	NO	0	8	—
KOEHRING 535 CRANE	—	yes	7	1	—
KOEHRING 405 CRANE	—	NO	0	8	—
J.S.W. EXCAVATOR	—	yes	3	5	—

MATERIALS RECEIVED

None Received Today

TESTS PERFORMED

(As required by plans/specifications)

Delta Testing monitored vibrations caused by pile driving operations on the East Bank at ± station # 70 ± 50. Results are only furnished to the Orleans Levee Board.

QUALITY CONTROL REPORT
INSPECTIONS PERFORMED

I inspected the concrete finishing work being done on West I-Wall Monoliths today. Holes and defective areas were chipped and then patched with mortar mix. Bonding agent was used to prepare surfaces to be patched. The fractured fin area was repaired as needed, and all holes $\frac{1}{2}$ " in diameter or larger were patched. The finished wall had a smooth finish, with no defective areas; however, final acceptance will depend upon the Government's inspection and approval.

Also inspected the sheet pile driving work being done for Temp. Flood Protection on the East Bank. Sheets were C2-114 and C2-101, as well as some Frodingham 3NA Sheet pile's salvaged from this project. All were interlocked, except for in two locations: approx. Station 99+55 (FL 422 crossing) and approx. Station 98+80. These two spots will be closed up by welding plate over these areas and sand bagging or backfilling. Cut off elevations were between +7.25 and +7.50 approximate. Some longer sheets were left sticking up higher, due to driving resistance.

JOB SAFETY

Checked rigging and EMU-300 vibratory hammer today for wear or loose parts. No excessive wear was found on rigging or hammer jaws. Hydraulics in good condition, and no loose bolts or nuts were found.

Checked equipment for oil and fuel leaks. No soil or water contamination by contractor's equipment was found.

REMARKS

Verbal Instructions received from Mr. Chris Wagner today: "Contractor to proceed with layout and construction of the West Bank I-Wall between sta. 70+47 and 99+83.67 as shown on the contract drawings. No time extension will be given for submittal and technical review, as well as negotiation of your proposal to move the I-Wall 4' to the Flood Side of the existing wall."

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

Jerry Justice
Authorized QC Representative

9-15-95
Date