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το Area Eng	ineer,			COPY	TO: C/	Co:	nst. Di	v.	DATE	We	dnesda	ıy		
CELMN-CD	-NO				CE	LM	N-CD			05 A	pril'1	995		
PROJECT Lake	Pontchartra	in, La. an	d Vici	inity	, Londo	n .	Ave. Ca	nal,	CONTR	ACT NUM	BER			
Mirabeau Av	e. to Leon	C. Simon B	lvd.,	Orle	ans Par	is	h, Loui	siana.	D <sub>A</sub>	ACW29-	<u>·94-C-</u> (	079		
CONTRACTOR (Or	hired labor) B à	K Constru	ction	Comp	any, In	ic.			WEATH	ER				
	1905 Hi	ghway 59, i	iandev	ville	, La.	70	448		Clo	ıdy_&	Mild w	ith	Lt.	Rain
	PORTION OF SCH	HEDULED DAY SUI	TABLE FO	OR OPE	RATIONS		_				TEMPER	RATUR	E	
STRUCTURAL EXCAVATION	BORROW	EMBANKMEN	u (	CONCR	EIE	ST	PUCTURE	_	MINIM	M	MAXI	MUM		
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	DEVELOPED ON TH NGE ORDER OR FIN		MIGHT	X	) NO		YES (Explai	n)	INCHE	S	END	NG		
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2-2 hrs			1-8 h	nrs	3-10 h	rs				L.90'		0	800	
	CONTRACTOR'S E						NUMBER OF	SHIFTS	<u>⊠</u> 1	□ 2	🗆 3			
SUPERVISORY	SKILLED	LABORERS	TOTAL		FROM	1	0	FROM	TO		FROM		то	
2-18 hrs	11-93 hrs	8-75 hrs	21-1	186	0700	<u>"</u>	1730M	ļ	4	М		M		<u> </u>
B & K C Gill's Arcadia	40; Cleaned drove 38 pc ed bottom r	Inc RESTER	STEE EL INS #100 of wor #138; street L X 24	CED C EL SH STALL SET Set Set	ONCRETE EET PIL ATION From Refer to forms f	ES or	performed b East M	y prime and one #13	33; Coi 7+99.95	n't cu 5 and	ring E 108+68	East 8.55	Mono	  os
	s lost due s lost due	to adverse	weath	ner/h	igh tid	es								_
Progressiv	e work was for detail	scheduled a					C, Gill	and A	cadia	this	date.	See	atta	iched
								RCENT			_		15.1%	
DATE SET	FOR COMPLET	ION: <u>03 AI</u>	PRIL 9	96			PE	RCENT	TIME E	LAPSEI	):		38.9%	<u></u>
	PHASES ATTENDED he followin				geg thi	g /	late:	_						
KEINFURCED	CONCRETE F	LOODWALL:	NO 1n	ıstru	ctions	188	suea.							

RESTEEL INSTALLATION: No instructions issued.

STEEL SHEET PILES: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on East Mono #138 prior to placing concrete (see attached LMN Form 1246). Observed placement & vibration of concrete into forms this date. Concrete is receiving adequate vibrations this date, and is being placed in lifts less than 18". Witnessed Delta Testing Rep. performing required concrete test and molding 3 test cylinders (see back of attached LMN Form 1246 for test results). East Mono #130 is between EB/L Sta's 112+09.50 and 112+38.36. Checked and found top chamfer strips set at elev. +14.40' (P/S) and +14.38' (F/S) as required. Three-bulb waterstops and expansion material for East Mono #130 were properly installed & secured.

STEEL SHEET PILES: Observed Gill sticking & driving 38 pcs of CZ-101 X 24'-9" sheet piles between EB/L Sta's 107+99.95 & 108+68.55, down to a top elev. of +4.75 as required. All piles were driven plumb and on good alignment.

RESTEEL INSTALLATION: Observed Arcadia setting & tying required resteel for the bottom section of East Mono #131, and the wall stem resteel for East Mono #138. All resteel was tied at 100%, and spacing & bar counts were in accordance with approved shop drawings.

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

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

	GOVERNMENT PERSONN	EL ON SITE	
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
D. DUHON	Suprv. Civ. Engr., GS-12	1 hr.	SCE
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

Checked and found all personnel in vicinity of concrete placement were wearing hard hats, safety glasses, and steel-toed boots/rubber boots.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
ZANE D. BRYANT JR.	06 APR 95	9~ ~ D	4/12/50

(Heverse of ENG FORM 2538-2 (CIVIL)

Pau ∠ of 2 pages

### CONTRACT NO.: DACW29-94-C- 0

**QAR** # 95

DATE: Wed. - 05 Apr 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	51.2%	-0-	51.2%	51.2%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	5.7%	-0-	5.7%	5.7%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	26440.33	1699.66	28136.99	15.0%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	12.2%	0.3%	12.5%	12.5%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.09
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%
	·						- :

Tale

### QUALITY ASSURANCE REPORT SUPPLEMENT

A Inspections Po	erformed & Results:	Observed	the stret	King
+ driving	· it and	anant heat p	ilins . T.	been
timelate	us. D	oline shar	t. the	/ usal
	. 1	s of sharts.		resistence
observed	when do	in, but n	of inouch	
(4.13)	inu poshla	ns Obser	al labor	MACS:
tura	actail	for mono #	138 4	11 2 44 4 1
1/4/14	1/25/100/	when tring	130	PLYSONNE
_ waring	9/8023	WALL TELLING	57221	
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structions to CO	Cramarks:	Second Concer	te pour	cancullad
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structions to CO	Craemarks:		mal.	

FORM CHECK OUT FOR STRI URES REINFORCED CONCRETE FLOODWALL											
JOB Lake Pontchartrain, Canal, Mirabeau Ave.				ACT NO. ACW29-94-C-0079							
MONOLITH LIF	T NO.	TEVATION	0 to /4	DATE OF	POUR -5-95	5					
	INSPECTED B				BY C.O.E						
ITEM	NAME	DATE	TIME	NAME	DATE	TIME					
A. SHEET PILING	Om St	4-5-95	13:05	ZAB	4-5-95	1345					
VERTICAL		11	11	8	~	_					
ALIGNMENT		11	11		L						
CLEANLINESS		11	11		~	/					
B. CONCRETE PILING	NA	11	11	N/A	N/4	NA					
ANGLE	11	11	11	1 (	,,	"					
HEADS	11	11	11	11	11	*					
C. STAB. SLAB/JOINTS	Jan J	4-5-95	13:05	- 32B	4-5-95	1315					
CLEANLINESS		"	11	/	-						
WATERED		//	Ц								
WATERJET (JOINT)	N/A	"	11	MA	MA	VA					
D. STEEL REINFORCING	In Q	4-5-95	13:05	7/B	4-5-95	1315					
VERTICAL.		"	11		<u></u>						
HORIZONTAL	/	η.	11	/	/						
SPACING	V	11	14	/	✓.						
CLEARANCES	/	11	11	/		~					
STEEL SCHEDULE		11	1,	V		~					
SHOP DRAWINGS .	/	14	11	~	/						
TIE WIRES		1)	11.	V		~					
#6 BAR WELDED		Ŋ	1,		V						
CLEANLINESS		11	1	V	-	_					
WATERED '		111	" 41 ·	~	-						
E. FORMWORK	Im D	4-5-95	- 13:10	308	4-5-95	1320					
CONDITION		l)	· 1/ ·								

<b></b>			,			~	<b>`</b>		·
¥		INSPECT	ED BY	Y CONTRA	CTOR		- KEVIEWED	BY C.O.E.	•
ITEM		NAME		DATE	TIME	N	IAME	DATE	TIME
E. FORMWORK (CONT) ALIGNMENT	9	find		4-5-95	13:10	o	ZIB	4-5-95	1320
CLEANLINESS	l			/1	4				
RELEASING AGENT				lı .	/1				_
TIES AND BOLTS		/		11	1/				
LENGTH 28.84'		/		11	11		~		
WIDTH 1.75 -> 1.00		/			11	·.	~		-
HEIGHT 12.40'	_				ij		~		
WATERSTOPS					11		V		_
CHAMFER STRIPS				11	tr		~		
F. WEATHER PROTECTION		Jun J		4-5-95	13:1	13:10 3/18		4.5-95	1325
G. SAFETY (LIST)		Jung	-	4-5-95	13:15	5	38B	4-5-95	1325
1				()	//I				-
2.				11	1/				
3.					1/				
H. SPECIFIC JOB		Jung _		4-5-95	- 13:15		31B_	4-5-95	1325
Expansion Material				/1	"				
						-			
I. EQUIPMENT USED	NO.	TYPE	TIM	IE HOU	RS ·	NO.	TYPE	TIME	HOURS
Mantis Crane	7	# 36/2	140	0 2:	20		_	<b> </b>	
Concrete Bucket	7		"		20				
Concrete Vibrators	2	1.5° C.Y. 18'4 12'	ıl		مد				
								<u>L</u>	
J. REMARKS SLUMP = 3/	2" =	3″ ;_	AIR E	NTR. = 3	3.0% \$	3.1%	; CONCRETE I	TEMPS = 7	3°+ 73°;
AIR TEMPS	= 64	°+44°;		t Cylind					

AIR TEMPS = 64 + 64 ; 3 Test Cylinders (LA-2/ FINAL CLEARANCE CONTRACTOR REPRS: C.O.E. REPRS:

INSTRUCTIONS

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

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

DATE: 04/05/95

REPORT NO.: 132

SKIES: Cloudy

\9402\QCRPT1A

RAIN: 0.20 IN: <u>TEMP</u>: 60 <u>MIN</u>. 72 <u>MAX</u>.

DUST: None LEVEE CONDITION: Wet

CANAL GAUGE: (1.9)NOISE: Moderate

PAGE 1 OF 3

CANAL STILL RISING)

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High Tide & wet soil delayed placement of Concrete at East Monolith #133. Set Forms at East I-Wall Monolith #138. Placed Concrete at East I-Wall Monolith #138 at 2:00 PM. Also set Forms at East I-Wall Monolith #133 (Not poured today). Laborers kept water pumped out of the Excavated area while Concrete was placed, and cleaned mud off of Robert E. Lee Blvd. after trucks left the the job. Carpenters did minor repair work to the I-Wall Forms. Cement Finishers patched & repaired East Monoliths #137 and #142.

ARCADIA REBAR - Tied Reinforcing Steel for East I-Wall Monoliths #131 (bottom only) and #138 (top only). Also pre-tied one Re-Steel Wall Curtain on the Levee to be placed later.

GILL'S CRANE SERVICE - Drove new CZ-101 Steel Sheet Piling on the East Bank from Station 108+68.55 to Station 107+99.95. (38 pieces, 24'-9" long each.)

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY										
		Al	REAS OF RESPON	ASTRICTLA							
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION							
8	Unskilled	75	8 & K	Forming, pouring, & repairing I-							
7	Skilled	65	11	Wall Forms; Placing Concrete for							
1	Supt.	9	n n	I-Wall;Curing & finishing I-Wall							
1	Q.C. Rep.	9	ıı	Monoliths. (See locations above.)							
2	Skilled	14	GILL'S CRANE	Driving new CZ-101 Sheet Piling on the East Bank. (See above.)							
2	Skilled	14	ARCADIA REBR	Tying Reinforcing Steel for new I-Wall. (See above.)							

## QUALITY CONTROL REPORT EQUIPMENT

	i	1			***************************************
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	3	5	12.000
Komatsu D37P Dozer	nando:	Yes	3	5	**************************************
Kubota 151 Excavator	var	No	0	8	
Case 580 Backhoe	~****	Yes	2	6	VAL
Koehring 535 Crane		Yes	6	2	~~~
MKT Vibro Hammer		Yes	6	2	- JAG
Komatsu 200 Excavator 2	DEP	•	was:	W0000	- Value
Fiat-Allis MotorGrader	*****	No	0	8	<b>**</b> *
Mantis 3612 Crane	V.D	Yes	6	3	***
JSW Excavator	- Version	Yes	3	5	**************************************
Welding Machine	· · · · · · · · · · · · · · · · · · ·	No	0	8	Mary Mary Mary Mary Mary Mary Mary Mary

#### TESTS PERFORMED

(as required by plans/specifications)

Concrete Tests were performed by DELTA TESTING today. SLUMPS were recorded at 3" and 3 1/2". AIR CONTENTS were recorded at 3.0% and 3.1%. Air Entrainment from LAFARGE CONCRETE has been very consistent up to this point. However, LAFARGE'S Quality Control Manager was notified of the results.

#### MATERIALS RECEIVED

Received 18 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at East I-Wall Monolith #138. DELTA TESTING performed Concrete tests as required. See "Tests Performed" for results.

\9402\QCRPT2A PAGE 2 OF 3

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected the new CZ-101 Sheet Piling driven today. All interlocks were fully engaged. Sheets were plumbed in both directions within 1/8" per foot. Cut off elevation was controlled by a laser level at elevation +4.75. Alignment was controlled by survey offset stakes set 0.33' East of the I-Wall C/L. The driving template was placed directly against these stakes for alignment.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked the public streets for mud. Laborers shoveled clay chunks off of Robert E. Lee Blvd., then hosed off the bridge and street with water. The street was clean & free of debris at 5:30 PM.

#### REMARKS

(Instructions received, miscellaneous remarks)

We are requesting 50% of Lost Production for today due to rain, wet soil, and high tide in the Canal. The second I-Wall Monolith could not be poured as planned due to inclement weather.

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

Authorized Q C Representative

04/06/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

INCD	ECTORS QU	ALITY CS	IRAN	ICF RI	EPORT /	GA	R)		THE	OCR WILL	BE ATTA	CHED '	TO OR FI	LED
INSP		OF CONST				UA.	n)			H THE QAR				
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70 -				go Pir	<b>=</b> 0				DATE		94			
TO Area Eng		,		COPY	- •		nst. Di	_V .	UATE		uesda	•		
CELMN-CE		in Io on	4 17:	oinitu			N-CD	<del></del>	COMP	O4 A	pril'	1995		
	Pontchartra	,		•	-			•		ACW29-		0.70		
	re. to Leon						i, Loui	siana.	WEATI		94-6-6	1019		١
CONTRACTOR (OF		ghway 59,		-			l A Q		WEATI		• . •	<b>-</b> .		
		HEDULED DAY SU				70	<del></del>		+	Cloudy	TEMPER			
STRUCTURAL				CONCR		ST	RUCTURE		MINIM	18.4				
EXCAVATION 0 %	EYCAVATION		0%	Johnson	0 %	"		O ‰	MITTHE	60°	MAXI		6°	
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	DEVELOPED ON TH		MIGHT	æ	NO f		YES (Expla	eri)	INCHE		END		AIRN	_
LEAD TO A CHA	NGE ORDER OR FI	NDING OF FACT?		-		_			"•	0.25"	END	07	20	м
	NUMBER OF GOV	VERNMENT EMPL	OYEES						+	Canal	QW5R S		30	
SUPERVISORY	OFFICE	LAYOUT		ECTION	TOTAL		LABOR		FEET	Janaı	TIME	_		
			1-8	hrs	1-8 hrs	c c			1,00	1.80'	'''''		00	м
NUMBER OF	CONTRACTOR'S E	MPLOYEES	1 0	III S	I O III S		NUMBER O	F SHIFTS	15k 1	2			00	161
SUPERVISORY	SKILLED	LABORERS	TOTA	VL.	FROM	To	<del></del>	FROM	TTO		FROM		TO	
2-16 hrs	12-79 hrs	8-48 hrs	22-	143	0730	<b>u</b>	1600 M	,	ا ۵	м	•	M		M
b. Arcadia c. Gill's (  WORK PERFORM a) Wrecked with wet bu EB/L Sta's b) Set & T: c) Drove 36	BCONTRACTORS A CONST. CO., Rebar, Inc. Crane Service ED TODAY (Indicate forms from urlene; Welco 109+50 & 11 ied resteel 6 pcs of CZ- ind reasons for same: y lost due to	NO AREA OF RESTER  - RESTER  ce, Inc  location and described  East Monos  ded #6 reba  16+27.  for wall s  -101 X 24'-	EINFO EL IN STE spinor of s #13 ars t stem -9" s	PRCED (STALL) STALL) SEL SHI Work period 5, #13 to top of E.	CONCRETE ATION EET PILE 37 and # of all Mono #1 piles, h	E F ES work #14 sh	MED TODAL LOODWAI  A performed & 0; Wet eet pil & bott ween EH	y pune and cured les for tom res	East M catho teel f 's 108	dic pr	135, i otect: Mono i	#137 ion #138	& #1 betwe	
Progressive due to the work perfor	gress of work, causes e work was o wet ground rmed this pe	only perfor conditions eriod.	rmed s and	by Gil	ll this	da	. See a		d CQC PROJEC	Report T COMP	for o	deta		
							11	MOLITI	E	ענינט יינאיי	<u>-</u>			
	PHASES ATTENDE				1		- 4							
Attended th	he following	g CQC Inspe	ectio	n Phas	ses this	s d	ate:							
	CONCRETE FI					ruc	tions"	on bac	k of t	his QA	Repo	rt.		
DESTRET THE	CTATTATTON.	No inctri	. a t i a	na isa	hou									

STEEL SHEET PILES: No instructions issued.

ESULTS OF GA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE DIMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES
he following QA Inspections were performed this date:
EINFORCED CONCRETE FLOODWALL: Observed removal of forms from East Monos #135 & #140 this
ate. Noted several air bubbles 3" and larger on surfaces of East Monos #135 & #140. These
ill be repaired by finishers. Observed carpenters repairing mono forms this date. Noted that
ast Monos #135, #137 and #140 were covered with wet burlene for curing as required. Checked
nd found contractor had tack-welded #6 rebars to the tops of all sheet piles, between EB/L
ta's 109+50 and 116+27 for cathodic protection as required. Observed the setting and aligning
f forms for East Mono #133 this date.
ESTEEL INSTALLATION: Checked installation of resteel for the wall stem of East Mono #133 and
he bottom section of East Mono #138 this date. Found all steel tied at 100% and all steel set
spaced in accordance with approved shop drawings.
TEEL SHEET PILES: Observed Subcontr. (Gill) sticking & driving 36 pcs of CZ-101 X 24'-9"
heet piles, down to approx. top elev. of +4.75 ( $\pm 1\frac{1}{2}$ "), between EB/L Sta's 108+68.55 & 109+34.
11 piles were driven plumb and on proper alignment. Contractor using an I-Beam template for
lignment, and using a 4' level to check pile plumbness.
UALITY CONTROL: Contractor is providing adequate quality control this date.
/ERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remarks)
AR, Z. Bryant instructed CQC Rep's M. Tassin and J. Justice this date, as per PE, C. Wagner,
hat they (B&K) must go back on all monoliths and repair all surface defects within the frac-
ured fins that are ½" and larger as required. Messrs. Tassin and Justice agreed to concur
ith these instructions ASAP.
CONTROVERSIAL MATTERS IN DETAIL:
ONE
NFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:
NFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS:
ONE
ONE  Contractor's Quality Control Report (submitted/xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
ONE  Contractor's Quality Control Report (submitted/改成以系统的成本的成本的 for this (date类的表表的).  REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)
Contractor's Quality Control Report (submitted/xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
ONE  Contractor's Quality Control Report (submitted/改成以系统的成本的成本的 for this (date类的表表的).  REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)
Contractor's Quality Control Report (submitted/xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Contractor's Quality Control Report (submitted/nxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Contractor's Quality Control Report (submitted/nxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Contractor's Quality Control Report (submitted/maxxsmanktared) for this (date*parxsmal).  REMARKS (Include visiturs to project and miscellaneous remarks pertinent to work)  GOVERNMENT PERSONNEL ON SITE  NAMES  DESIGNATION  HRS. ON SITE  DUTIES  Z. BRYANT  Cosnt. Insp., GS-07  7 hrs.  QAR  CAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)  Checked and found the Anti-Two Blocking Device working properly on the Mantis Crane this date.
Contractor's Quality Control Report (submitted/nxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Contractor's Quality Control Report (submitted/maxxsmanktared) for this (date*parxsmal).  REMARKS (Include visiturs to project and miscellaneous remarks pertinent to work)  GOVERNMENT PERSONNEL ON SITE  NAMES  DESIGNATION  HRS. ON SITE  DUTIES  Z. BRYANT  Cosnt. Insp., GS-07  7 hrs.  QAR  CAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)  Checked and found the Anti-Two Blocking Device working properly on the Mantis Crane this date.
Contractor's Quality Control Report (submitted/maxxsmanktared) for this (date*parxsmal).  REMARKS (Include visiturs to project and miscellaneous remarks pertinent to work)  GOVERNMENT PERSONNEL ON SITE  NAMES  DESIGNATION  HRS. ON SITE  DUTIES  Z. BRYANT  Cosnt. Insp., GS-07  7 hrs.  QAR  CAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)  Checked and found the Anti-Two Blocking Device working properly on the Mantis Crane this date.
Contractor's Quality Control Report (submitted/maxxsmanktared) for this (date*parxsmal).  REMARKS (Include visiturs to project and miscellaneous remarks pertinent to work)  GOVERNMENT PERSONNEL ON SITE  NAMES  DESIGNATION  HRS. ON SITE  DUTIES  Z. BRYANT  Cosnt. Insp., GS-07  7 hrs.  QAR  CAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)  Checked and found the Anti-Two Blocking Device working properly on the Mantis Crane this date.
Contractor's Quality Control Report (submitted/maxxsmanktared) for this (date*parxsmal).  REMARKS (Include visiturs to project and miscellaneous remarks pertinent to work)  GOVERNMENT PERSONNEL ON SITE  NAMES  DESIGNATION  HRS. ON SITE  DUTIES  Z. BRYANT  Cosnt. Insp., GS-07  7 hrs.  QAR  CAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel Specify corrective action taken.)  Checked and found the Anti-Two Blocking Device working properly on the Mantis Crane this date.
Contractor's Quality Control Report (submitted/mankamankamankamankamankamankamankamank
Contractor's Quality Control Report (submitted/manxsmatherement) for this (date **precedule*).  REMARKS (Include visitors to project and miscellaneous remarks pertinent to work)  GOVERNMENT PERSONNEL ON SITE  NAMES  DESIGNATION  HRS. ON SITE  DUTIES  Z. BRYANT  Cosnt. Insp., GS-07  7 hrs.  QAR  PAFETY (Include any infractions of approved safety plan. safety manual or instructions from Government personnel Specify corrective action taken.)  Checked and found the Anti-Two Blocking Device working properly on the Mantis Crane this date.  No safety infractions were noted this date.  **SPECTOR'S SIGNATURE**  DATE  SUPERVISOR'S INTIALS  DATE  ZANE D. BRYANT OR. 05 APR 95  White April 12/5 5
Contractor's Quality Control Report (submitted/mankamankamankamankamankamankamankamank

QAR # 94

DATE: Tue. - 04 Apr 95

Item No.	Description	Contract Quan <b>tit</b> y	Estimated Quantity	Placed Prev.	Placed T <u>oday</u>	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2
02	CLEARING & GRUBBING	L.S.	L.S.	51.2%	-0-	51.2%	51.2
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	5.7%	-0-	5.7%	5.7
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	24832.96	1607.37	26440.33	14.1
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	12.2%	-0-	12.2%	12.23
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.09
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.03
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 1f	84.75
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	.2,700 LF	2,700 LF	-0-	-0-	-0-	0.09
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.15
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.05
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.09
		<u>.                                    </u>					
						_	

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

DATE: 04/0**%**/95 REPORT NO.: 131

SKIES: Cloudy - Rain RAIN: Wet IN. TEMP.: 60 MIN 76 MAX

<u>DUST</u>: None <u>LEVEE CONDITION</u>: Wet <u>CANAL GAUGE</u>: (1.8) <u>NOISE</u>: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for Concrete trucks on the Levee. Wrecked Forms at East I-Wall Monoliths #137 and #140. Covered these Walls with Burlene and wet them down, along with East Monolith #135 (after cleaning sets of Forms). Installed Expansion material at East Monolith #138. Welded #6 Rebar to CZ-101 Sheet Piling for Cathodic Protection on the East Bank from Station 110+27 to Station 109+50. Carpenters worked on I-Wall Forms, repairing plywood joints with bondo filler, and adding more fasterers in the Fractured Fin material.

ARCADIA REBAR - Tied bottom Re-inforcing Steel at East Monolith #138, and top Re-Steel at East Monolith #133. Also tied one mat on the Levee for future placement at I-Walls.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling on the East Bank from Station 109+34 to Station 108+68.55. (36 pieces at 24'-9" long each.) Mechanical problems with the Koehring 535 Crane delayed production this morning.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	2	6	No
Komatsu D37P Dozer		Yes	2	6	No
Kubota 151 Excavator	Now.	No	0	8	No
Case 580 Backhoe		Yes	2	6	No
Koehring 535 Crane		Yes	5	3	No
MKT Vibro Hammer	-about	Yes	5	3	No
Komatsu 200 Excavator 2	-Adam	No	0	8	No
Fiat-Allis MotorGrader		No	0	8	No
Mantis 3612 Crane	- 	No	6	2	No
JSW Excavator		Yes	2	6	No
Welding Machine		Yes	2	6	No
	V-000				

MATERIALS RECEIVED

None today.

\9402\QCRPT2

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

Inspected the Cathodic Protection work done today. The #6 Rebar was tack-welded to each piece of CZ-101 Sheet Piling. No Steel extended through the Monolith Joints. Steel Sheets were clean & dry before #6 Bar was welded on. Inspected Sheet Piling driven today. Cut-off elevation was +4.75, controlled by a driving template set to the East edge of the new Sheets (0.33' East of the I-Wall Centerline.)

TESTS PERFORMED

(As required by plans/specifications)

None today.

\9402\QCRPT3 PAGE 3 OF 4

## LONTRACTOR/SUBCONTRACTORS AND

			AREAS OF RESP	ONSIBILITY
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
8	Unskilled	48	B & K	Wrecking, repairing, cleaning, oil-
7	Skilled	50	п	ing, and setting I-Wall Forms;
1	Supt.	8	п	Cathodic Protection work; and
1	Q.C.Rep.	8	н	curing I-Wall Concrete. See Page 1.
2	Skilled	14	GILL'S CRANE	Driving new CZ-101 Sheet Piling on the East Bank. (See Page 1.)
3	Skilled	15	ARCADIA REBAR	Tying Reinforcing Steel on the East Bank for new I-Wall. (See Page 1.)

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked Slings and Shackles used to drive Sheet Piling today. Shackles were tied off with tie wire to prevent them from vibrating loose. Slings and Cables were in good condition. Pile Driving Crew checked their rigging at 7:30 AM and 12:30 PM for safety.

#### REMARKS

(Instructions received, miscellaneous remarks)

Inspector Zane Bryant stated that there are still some honeycombs or air bubble holes larger that 1/2" diameter in the Fractured Fin area of completed I-Walls. These holes must be patched prior to applying cementitious paint to the Walls.

\*Left off of Q.C. Report #125 - Structural Excavation was performed from Station 109+00 to Station 107+30 (East Bank).

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.

Authorized Q C Representative

04/05/95

Date

\9402\QCRPT4

PAGE 4 OF 4

INSP	ECTORS QU DAILY LOG		THE OCR W WITH THE O		D TO OR FILED					
Area Eng CELMN-CD	-NO		СОРУ	CE	Const. D		O1. 02 & 03 April 1995			
PROJECT Lake Mirabeau Av							DACW29	J <b>MBER</b> 9-94-C-007	9	
CONTRACTOR (Or		K Construction of K Construction (K Construction)					WEATHER C16	ear & Mild	· ·	
		HEDULED DAY SU						TEMPERATU	RE	
STRUCTURAL EXCAVATION 100%	BORROW EXCAVATION 100	* 100	ONCR	100%	STRUCTURE	00%	MINIMUM 45°	MAXIMUM		
HAS ANYTHING D	DEVELOPED ON TH		MIGHT F		YES (Exp		11101150	24 HOUR PRECI	PITATION	
	VIGE ORDER OR FI						INCHES Trace	ENDING (	0730 <u>м</u>	
SUBSTITUTE OF T		VERNMENT EMPLO		L	1			al RIVER STAG	E	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET 2.80		2000	
1-2 hrs	CONTRACTOR'S EI	MBI OVEES	$1-10\frac{1}{2}$ hrs	2-122		OF SHIFTS	to 1.70		0800 <u>w</u>	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	ТО	FROM	T TO	I FROM	ТО	
2-21 hrs	11-88 hrs	8-82 hrs	21-191	0700				M N		
Attach list of the Note: If the cor	e following: (a) Maj htractor's Quality Co	or items of equipment of Report (QCR)	ent either idle or contains the info	working, and ormation it ne	(b) Number and sed not be repe	d classification ated.	of contractor per	rsonnel onsite.		
CONTRACTOR/SUB	CONTRACTORS A	ND AREA OF RESI	PONSIBILITY FOR	WORK PER	REPORMED TOD	AY				
• <u>B&amp;KC</u>	onst. Co.,	Inc REI	INFORCED C	ONCRETE	FLOODWA	<u> </u>				
b <u>Arcadia</u>	Rebar, Inc	RESTER	EL_INSTALL	ATION						
<b>c</b> .										
work Performs a) Installed Rubbed surfa erial for Ea Cured East M b) Installed Days of no work and No delays we	d Cathodic aces of Eas ast Monos # Monos #137 d top & bot d reasons for same:	Protection t Monos #13 135 and #14 and #142. tom resteel	Jumpers b 39 & #142; 40; Poured	etween Set fo & vibr	East Monerms, bull ated con-	os #131/# kheads, v crete fo	#132, #132 waterstops c East Mon	2/#133, and s and expar nos #135 ar	d #133/#134 nsion mat- nd #140;	
Information on prog Progressive attached CQC	work was s	cheduled ar	•		&K and A				. See	
DATE SET	FOR COMPLET	TION:03	3 APRIL 96				ROJECT COL		14.4% 38.6%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTE	ONS GIVEN:							
Attended the	e following	CQC Inspec	ction Phas	es on M	on., 03	Apr 95:				
REINFORCED (	CONCRETE FL	OODWALL: N	No instruc	tions i	ssued.		·			
RESTEEL INST	TALLATION:	No instruc	ctions iss	ued.						

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COIC ACTIVITIES The following QA Inspections were performed on Mon., 03 Apr 95: REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection on East Monos #135 & #140 (see attached LMN Form 1246's). Observed placement and vibration of concrete into forms for East Monos #135 & #140 this date. Concrete is receiving adequate vibrations and is being placed in lifts not exceeding 18". Witnessed Delta Testing Rep. performing required concrete test and molding 3 test cylinders (see back of attached LMN Form 1246's for test results). Checked and found alignment of forms for East Monos #135 & #140 to be in accordance with plans. Checked and found top chamfer strips to be set at elev. +14.40'(P/S) and +14.38'(F/S) as required. Observed finishers rubbing surfaces of East Monos #139 & #142. Noted that East Monos #137 & #142 were covered with wet burlene whenever finishers were not working on them. Checked the installation of cathodic protection jumpers between East Monos #131/#132, #132/#133, and #133/ #134, and found jumpers to be 1/0 size wire (as approved) and to be properly bonded to the sheet piles by cadwelding. Also noted that exposed ends of jumpers were covered with Roysten Handicap II insulating resin as required. RESTEEL INSTALLATION: Checked and found that subcontr: had properly installed wall stem & bottom resteel for East Mono #140, and bottom resteel only for East Mono #133. 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 REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE DESIGNATION HRS. ON SITE DUTIES NAMES PE2 hrs. (Mon) C. WAGNER Civ. Engr., GS-11 9½ hrs. (Mon) QAR Z. BRYANT Const. Insp., GS-07 SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Checked and found ladders and scaffolds properly secured to I-Wall forms this date.

No safety infractions were noted this period.

SUPERVISOR'S INITIALS INSPECTOR'S SIGNATURE ZANE D. 05 APR 95

(Heverse of ENG FORM 2538-2 (CIVIL)

Power 2 of 2 DBOHS

CONTRACT NO.: DACW29-94-C-00

QAR # 93

Sat., Sun. & Mon.

DATE: 01, 02 & 03 Apr 95

Item	Description	Contract	Estimated	Placed	Placed	Placed	%
No.	best i potat	Quantity	Quantity	Prev.	Today	To Date	Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	51.2%	-0-	51.2%	51.2%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	5.7%	-0-	5.7%	5.7%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	24832.96	-0-	24832.96	13.2%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	11.7%	0.5%	12.2%	12.2%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%
					_		

## QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed finishers rubbing out
walls and filling air holes + upids with coment growt
metera. Also observed wat burlang blankets that
were plant over praviously completed wells. Checked
placement of concrete for mores # 140. and
autressal Dalta. Tasting take air & clomp tests
Sa affactual short for results. Concerta bring
well wheretad after bring plead on forms.
Laborers ob carde change excess debris
from streats the from concrate trucks.
·
1/2
Instructions to CQC/Remarks: W/H
· · · · · · · · · · · · · · · · · · ·
<u> </u>
· · · · · · · · · · · · · · · · · · ·
Chand Dagner Pris Engr
Name Tale

	FORM CHECK OUT	FIJK			FORM CHECK OUT FOR STRU JRES REINFORCED CONCRETE FLOODWALL							
JOB Lake Pontchartrain, Canal, Mirabeau Ave				ACT NO. ACW29-94-C-0079								
MONOLITH East # 140	T NO E	LEVATION	00 to 14	DATE OF	POUR 3-95	-						
	INSPECTED B				BY C.O.E	•						
ITEM	NAME	DATE	TIME	NAME	DATE	TIME						
A. SHEET PILING	In	4-3-95	12:45	ZAB	4-3-95	1245						
VERTICAL		Ir	17	/	-	7						
ALIGNMENT		1.1	))	~	L							
CLEANLINESS		11	))	V								
B. CONCRETE PILING	N/A	)1	1)	N/A	NA	NA						
ANGLE	11	1)	15	11	. //	"						
HEADS	1)	11	11	11	"	"						
C. STAB. SLAB/JOINTS	Jm J	4-3-95	12:45	ZNB	4-3-95	1245						
CLEANLINESS		11	11		V	V						
WATERED		1)	11	/	<u></u>							
WATERJET (JOINT)	N/A	11	11	NA	NA	1/4						
D. STEEL REINFORCING	Imst	4-3-95	12:50	30/3	4-3-95	1250						
VERTICAL		1)	11									
HORIZONTAL	. ✓	1)	1)	/	-	_						
SPACING	/	11	1)		<u> </u>	~						
CLEARANCES		11	1)			/						
STEEL SCHEDULE		11	1)	V	/	/						
SHOP DRAWINGS .		11	11	✓								
TIE WIRES		11	11 ·	V	~							
#6 BAR WELDED		11	1)		~	_						
CLEANLINESS		11	. 13			~						
WATERED '		111	, M .			~						
E. FORMWORK	Jm J	4-3-95	12:50	34B	4-3-95	1250						
CONDITION	<i>y</i>	**	H :		"V							

	12.1		•			•	-		<u> </u>		<del></del>
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		···INSPECT	LED B.	Y CON	TRA	CTOR			ŔEVIEWED	BY C.O.E.	
ITEM		NAME	* 7	DAT	E	TIME		N.	AME	DATE	TIME
E. FORMWORK (CONT) ALIGNMENT	2	In		4-3	-95	12:5	0	26		4-3-95	1250
CLEANLINESS	0/0		i	,	f j			_	_		
RELEASING AGENT		<u> </u>		,	! !	11				_	_
TIES AND BOLTS		/		1	1	11			~		
LENGTH 28.84'				,	ſ	11				_	
WIDTH 1.75 '→1.00'		/		,	ļ	11		•.	/	\ \ \	
· HEIGHT 12.40'				,	)	11		~			
WATERSTOPS			,	1	11		V				
CHAMFER STRIPS				1,		11				u	/
. WEATHER PROTECTION	0	hm		4-3-95 12:50		31/3		4-3-95	1255		
. SAFETY (LIST)	(	Im a		4-3-95 12:55		3813		4-3-95			
1. Safety Blasses	,			"		11		0.5		~	
2. Ladder + Scaffeld 3. Rigging on Buck	, <del>1</del>			11	$\dashv$	1/	$\dashv$				
OTHER CHECKS PER SPECIFIC JOB	X	and		4-3-	$\overline{}$	12:5	5		3113	4-3-95	1255
Exp. Material				/1		//					
					寸		一				
. EQUIPMENT USED	NO.	TYPE	1IT	1E	HOU	RS .	N	0.	TYPE	TIME	HOURS
Mantis Crant	1 #36/2 131			/	1/2						
Conc. Bucket Conc. Vibrators	<i>1</i> 2	1/2 c.y.	13) 131			1/2					
Conc. Vioranors		18 V 135	اجر	<del>-</del>		//_					
. REMARKS SLUMP = 3	1/2 "	;	AIR E	ENTR.	=	5.0%		;	CONCRETE	TEMPS = 7	y °
AIR TEMPS		,		t Cy	lind	lers (1		20)			

FINAL CLEARANCE

CONTRACTOR REPRS:

C.O.E. REPRS:

INSTRUCTIONS

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

JOB Lake Pontchartrain,  Canal, Mirabeau Ave  MONOLITH LIF	. to Leon C. Simo	n Blvd.	DA	ACW29-94-C-0079	POUR	
East # 135	ONE		0 to 14		3-95	
	INSPECTED			REVIEWED BY C.O.E.		
ITEM	NAME	DATE	TIME	NAME	DATE	IT
A. SHEET PILING	Jm J	4-3-95	13:40	303	4-3-95	/3
VERTICAL		'/	11		<u></u>	<u> </u>
ALIGNMENT	/	11	71	V	-	'
CLEANLINESS		11	11			٠,
B. CONCRETE PILING	NIA	11	11	NIA	N/A	
ANGLE	11	11	11	11	и	
HEADS	) (	11	14	11	31	
C. STAB. SLAB/JOINTS	Im J	4-3-95	13:40	3N3	4-3-95	13
CLEANLINESS	1	. 11	11			_
WATERED		11	14	~		
WATERJET (JOINT)	N/A	11	11	NA	N/A	_
D. STEEL REINFORCING	Ima	4-3-95	13:45	36B	4-3-95	13
VERTICAL		11	11			
HORIZONTAL	·V	1(	11	_		
SPACING		11	11	_		
CLEARANCES		11	11	~		،
STEEL SCHEDULE		11	13			_
SHOP DRAWINGS .		11	11		·	٠
TIE WIRES		[]	11 .	/	~	-
#6 BAR WELDED	1	- 11	11	· ~	V	
CLEANLINESS		11	))	~		،
WATERED ''	11 (1) (A)	717	**** <sub>}</sub> } -		<u></u>	L
E. FORMWORK	Om I	4-3-95	13:45	2/13	4-3-95	13:

4 - 2 - 3		·· INSPECT	TED B	Y CONTR	ACTOR		REVIEWED BY C.O.E.			
ITEM		NAME 3	:	DATE	TIME		N	AME	DATE	TIME
. FORMWORK (CONT) ALIGNMENT		Jmg		4-3-9	13:	3.'50		3UB	4-3-95	134
CLEANLINESS				11	11		- 0			
RELEASING AGENT		/		//	1]					_
TIES AND BOLTS					11			~	<b>✓</b> .	/
LENGTH 28.87'				//	1)					
WIDTH 1.75 → 1.00'		/		"			·.			
HEIGHT 12.40'		/		71	11		~			-
WATERSTOPS				)/	11					
CHAMFER STRIPS				11	11				-	
. WEATHER PROTECTION	(	Jony		4-3-95	/3::	SO	32B		4-3-95	1350
. SAFETY (LIST)		my		4-3-95	13:	3:50 3Dz		4-3-95		
1. Eye Protection 2. Check Rigging				l) ti	<i>))</i>			<i>L</i>	-	
3. Scatfold & Ladde, OTHER CHECKS PER	r			11	"	_	00		<u>レ</u>	~
· SPECIFIC JOB Expansion Thaterial	Ma	MY NE THIS	Pou	4-3.95 R 11	† <i>1</i> 3:	20		32/3	4-3-95	1350
27 4003.000 11.001	700		•			4				
. EQUIPMENT USED	NO.	TYPE	TIM	E HOL	IRS.	N	0.	TYPE	TIME	HOURS
Mantis Crane	)	#3612	152	20	2/2					
Concrete Bucket	1	1.5 c.y.	152							
Concrete Vibrators	2	18,415,	152	0	2/2					
REMARKS SLUMP = 4	4.09	:	AIR E	NTR. =	الــــــــــا 5،5%	<u> </u>		CONCRETE	TEMPS = 75	-0
AIR TEMPS		• ;		t Cylin						

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVING THE SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES FOR CONCRETE PLACING SUCH AS SCAFFOLDS, LADDERS, PLATFORMS, ACCESS WAYS, ETC. TO ASSURE THAT THEY ARE ADEQUATE, SAFELY CONSTRUCTED AND IN READINESS. FINAL INSPECTION SUBJECT TO REVOCATION IF SUBSEQUENT INSPECTION REVEALS ANY DEFICIENCIES. IF SUMMONED BY THE CONTRACTOR TO CHECK AN ITEM AND IT IS FOUND TO BE UNSATISFACTORY, STATE IN THE REMARKS

COLUMN THE TIME SUMMONED AND THE TIME REJECTED. ITEMS UNDER BLOCK "H" SHALL BE DETER-

C.O.E. REPRS:

MINED BY THE GOVERNMENT QUALITY ASSURANCE PERSONNEL AS THESE ITEMS APPLY TO THIS SPECIFIC CONTRACT OR STRUCTURE.

CONTRACTOR REPRS:

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

DATE: 04/03/95

REPORT NO.: 130

SKIES: Clear

RAIN: Trace IN. TEMP.: 45 MIN 75 MAX

DUST: Minimal LEVEE CONDITION: Damp CANAL GAUGE: (1.7) NOISE: Moderate

#### WORK PERFORMED/LOCATION

04/02/95 - (Sunday) - No work performed due to wet soil and high water in the Canal. Work area was still flooded today.

04/03/95 - (Monday) - ARCADIA REBAR - Tied I-Wall Reinforcing Steel in place at East Monolith #140, and bottom Re-Steel at East Monolith #133. Also tied two Wall Steel Curtains on the Levee for future placement.

B & K CONSTRUCTION - Installed Cathodic Protection Bond Cables on the East Bank at Monolith Joints #134-#133, #133-#132, and #132-#131. Burned holes in Sheet Piling (to pass Re-Steel through) up to East Monolith #130 (Station 110+07). Completed forming East I-Wall Monoliths #135 and #140. Placed Concrete at East I-Wall Monoliths #135 amd #140 today at 1:00 PM and 3:15 PM. Also poured Concrete at blockouts left in Stabilization Slab where Bond Cables were installed today. (See location above). Cement Finishers patched and rubbed I-Wall Concrete at East Monoliths #139 and #142. Laborers wet Burlene Blankets and Concrete Kurface at East Monolith #142 (#137 not wrecked yet.)

PAGE 1 OF 4 \9402\QCRPT1

## QUALITY CONTROL REPORT EQUIPMENT

L					
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	3	5	No
Komatsu D37P Dozer		Yes	2	6	No
Kubota 151 Excavator		No	0	8	No
Case 580 Backhoe		Yes	2	6	No
Koehring 535 Crane	-	No	0	8	No
MKT Vibro Hammer		No	0	8	No
Komatsu 200 Excavator 2		No	0	8	No
Fiat-Allis MotorGrader	V-200	No	0	8	No
Mantis 3612 Crane	<b></b>	No	8	0	No
JSW Excavator		No	0	8	No
Welding Machine	***	No	0	8	No
	v-a				

#### MATERIALS RECEIVED

Received 36 c.y. of Concrete (Mix#44) from LAFARGE CONCRETE COMPANY today. This material was placed at East I-Wall Monoliths #135 and #140 today. Batch weights and admixtures.

\9402\QCRPT2

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

Inspected the Cathodic Protection Bond Cables installed today. Only approved materials were used, and Cables were cadwelded to new CZ-101 Steel Sheet Piling at locations shown on the drawings. Steel surfaces were cleaned and dried before applying cadwelds & Bond Cables. Good bonds to the Sheet Piling were achieved at each location. Epoxy caps were placed over the bare wire ends.

Also inspected Reinforced Concrete Floodwall work done today. The required checklist was completed prior to placement of Concrete. Alignment and elevation were checked. Top of Wall was set at  $\pm 14.40$  (with 1/4" fall towards the Canal Side). Offset lines (2.5'  $\pm 0/5$ 0 to C/L of I-Wall) were established for the Carpenter crew to set, plumb, and align the I-Wall Forms.

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

DELTA TESTING - Performed Concrete Tests on Concrete delivered from LAFARGE CONCRETE COMPANY today. (Mix #44)

SLUMPS = 4" and 3 1/2" AIR CONTENTS = 5.5% and 5.0%

\9402\QCRPT3 PAGE 3 OF 4

	ONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY									
NO	TRADE	HOURS	COMPANY							
8 7 1 1	Unskilled Skilled Supt. Q.C.Rep.	80 70 10 10	8 & K "	Forming & pouring I-Wall Monoliths; Installing Bond Cables; Burning holes in CZ-101 Sheet Piling; Finishing I-Wall Concrete; Curing I-Wall Concrete. (See Page 1)						
4	Skilled	16	ARCADIA REBAR	Tying Reinforcing Steel for new I-Wall (See locations on Page 1.)						

JOB SAFETY (Note inspection, violations/actions taken)

Checked scaffolds and ladders at I-Wall Forms. Ladders at I-Wall Forms. Ladders were in good condition, and tied off to the scaffold. Handrails, mid-rails, and toeboards were in place on both I-Wall scaffolds. Walkboards were also in good shape, and secured to the Form brackets.

#### REMARKS

(Instructions received, miscellaneous remarks)

\* Left off of Q.C. Report #125: Stabilization Slab was formed & poured on the East Bank from Station 110+95 to Station 110+00. Blockouts were left at Bond Cable locations, to be filled in with Concrete after jumper wires are installed.

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.

Authorized Q C Representative Date

04/04/95

\9402\QCRPT4 PAGE 4 OF 4

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

DATE: 04/01/95 (Saturday)

REPORT NO.: 129

SKIES: Clear

\9402\QCRPT1A

RAIN: 0 IN: TEMP: 50 MIN. 69 MAX.

PAGE 1 OF 3

<u>DUST</u>: None <u>LEVEE CONDITION</u>: Wet <u>CANAL GAUGE</u>:(2.8)NOISE: None

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to wet soil and high tide in the Canal. The work area is still flooded by Canal water.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY									
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION						
2 2 1	Unskilled Skilled Supt.	2 2 1	B & K " "	No work due to wet Levee and flooded work area.						

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		No	0	8	
Komatsu D37P Dozer	****	No	0	8	Name .
Kubota 151 Excavator	- Separate S	No	0	8	
Case 580 Backhoe		No	0	8	
Koehring 535 Crane	- Waster	No	0	8	-
MKT Vibro Hammer		No	0	8	
Komatsu 200 Excavator 2		No	0	8	
Fiat-Allis MotorGrader		No	0	8	door
Mantis 3612 Crane	<b></b>	No	0	8	No pos
JSW Excavator		No	0	8	Name
Welding Machine		No	0	8	

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

MATERIALS RECEIVED

None received.

\9402\QCRPT2A PAGE 2 OF 3

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

No inspections performed today.

## JOB SAFETY (Note inspection, violations/actions taken)

Checked fence & gates - All closed and locked up. No gaps or breaks were observed in the Safety Fencing.

#### REMARKS

(Instructions received, miscellaneous remarks)

No work is possible tomorrow either due to wet soil and high water from the Canal.

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

04/03/95

Authorized'Q C Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSP	ECTORS QU DAILY LOG	OF CONSI	RUCTION	EPORT (Q/	AR)		WITH	OCR WILL THE QAR T NUMBER		HED T	O OR FIL	LED
		(ER 415-1-	302)				1'		92			
TO Area Eng	rineer		COPY	TO: C/Co	onst. Div	7 .	DATE		) <u>La</u>			
CELMN-CI	)-NO		0011		MN-CD	•	2.4	thru 3	1 Marc	h 10	95	
	Pontchartra	in. La. an	d Vicinity			nal.		ACT NUME		11	77	
	re. to Leon	•	•	•		,	. l D.	ACW29-	94- <b>C-</b> 0	079		
	hired labor) B &						WEATH					· ·
		ghway 59,					See	attac	hed CO	C Re	ports	q
		HEDULED DAY SUI						<del>uccuc</del>	TEMPER/	_		LS
STRUCTURAL100	) / BORROW 1	00/EMBANKMEN			TRUCTURE	100/	MINIML	JM.	MAXIM			
100/5070/0 <sub>2</sub>		100/50/			00/50/0/0			52°	100000	85	; 0	
			-, -, -	, , ,				24	HOUR PR			
	DEVELOPED ON TH		MIGHT [X	NO [	YES (Explain	1)	INCHE		ENDIN		11011	
LEAD TO A CHA	NGE ORDER OR FI	NDING OF FACT?						4.15"		<b>0</b> 73	kÓ.	
	NUMBER OF GO	VERNMENT EMPLO	DYEES					_	RIVER S			
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	_	EFET	1.70'	TIME	- AGE		
1-6½ hrs				1-6½ hrs	2			3.60'	''''	080	00	м
	CONTRACTOR'S E	MPLOYEES		1 02 111	NUMBER OF	SHIFTS	X(3): 1	<u> </u>	□ 3	000		
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	то	FROM	То		FROM		TO	
2-82½ hrs	11-385⅓ hrs	11-342 hr	\$ 24-810	0700 ₩	1800 M		M	м		M		м
	e following: (a) Ma											
B & K C  b. Gill's  Arcadia  WORK PERFORM  a) Set form  East Monos  wet burlene	• •	Inc RE  c RESTE  clocation and described concrete & #146; Cu	STEEL SHEL INSTALL  plion of work perior for East red East M	CONCRETE IN HEET PILES LATION  remod. Refer to we Monos #13 fonos #141	FLOODWALI	, #142 #144,	2 and #1 , #145,	144; R <sup>1</sup> #146,	ubbed #148	surf & #1	aces 50 wi	
	drove 75 po led resteel			-			a's 109	9+34 a	nd 111	+89.	3.	
100% of day March 1995.	nd reasons for same: vs lost due vs lost due											31
Information on prop	gress of work, cause:	s for delays and ext	ent of delays, Plai	nt, material, etc.								
See attache	ed CQC Repor	ts for det	ails of wo	ork perfor			-		r Pomys .	_		
DATE CET	EOD COMPLET	TON. OR	ADDIT OF				PROJEC'				4.2%	
	FOR COMPLET		APRIL 96	_	PER	CENT	TIME E	LAFSED	•	3	8.1%	
See the a	PHASES ATTENDE ttached PE' ended during	s QA Suppl	emental Re	port for	details	of CC	(C Inspe	ection	Phase	s th	at	

RESULTS OF OA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES	AND CORRECTIVE ACTION OF CONTRACTO	IR INCLUDE
See the attached PE's QA Supplemental Reports for		
performed during this period.		
		,
	•	
VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remain See attached PE's QA Supplemental Reports for ins		is period.
bee attached II b (h bappiemental kepolib loi inc	verdeerons robaca adring en	is period.
•		
		•
CONTROVERSIAL MATTERS IN DETAIL.		_
NONE		
INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OF	R DISAGREEMENTS:	_
NONE		
		/
Contractor's Quality Control Report (submitted	OXIX XSANDHXIXIXIX (CXX) for this (CXX	₩/period).
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)	NEL ON GIFT	
NAMES DESIGNATION	HRS. ON SITE	DUTIES
	$\frac{6\frac{1}{2} \text{ hrs.}}{6\frac{1}{2} \text{ hrs.}}$	PE
C. WAGNER Civ. Engr., GS-11	oz mrs.	PE
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions in		
Contractor held Weekly Safety Meeting on site on discussed.	30 Mar 95. See attached mi	nutes for topics
No safety infractions were noted this period.		
INSPECTOR'S SIGNATURE DATE	SUPERVISOR'S INITIALS	DATE
ZANE D. BRYANT, JR. 04 APR 95	-2	4/10/15
(Reverse of ENG FORM 2538-2 (CNIL)	Page 2 of 2 pages	
	s conform checker	

### CONTRACT NO.: DACW29-94-C- OC

QAR # 92

DATE: 24 thru 31 March 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	50.2%	1.0%	51.2%	51.2%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	4.7%	1.0%	5.7%	5.7%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	21484.29	3348.67	24832.96	13.2%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	10.7%	1.0%	11.7%	11.7%
15	CONCRETE SLOPE PAVEMENT.	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%

## QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed subconfractor
continua to down start start piling pear Sta. 110+00
east baseline. Some initial hard driving encountered
but not longer than 5 minutes buton shorts
down to final grade. Survey controls well
to chack claration + almoment controlled by
template Also observed concrete bring placed
for mono \$ 142. + withing air + slump
tests which were 5.4% + 3.25." respectively.
Checked that straits were being kapt chan
there concrete delivery a found that they were
Instructions to COCA emarks: High water IN Canal forced
contractor to put off placing must monolith
contractor to put of placing met monolith  until tomorrow until water is pumped down.
<del></del>
Charl Dagner Prin Engr
Name / Title

## QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: 05 Served concrete placement
for one I-wall monolith. Witnessed air +
dump tests (Sas affected CQ( for results)
+ making of 3 cylinders. Concrete was placed
using different trampe langths. I than well
vibrated. Observed personnel on site wearing
hard hats a stral too shors
Instructions to COCIRemarks: None given today
•
•
•
Chang Lagran Proj Engr
Name / / Title

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

DATE: 03/31/95 REPORT NO.: 128

SKIES: Cloudy - Rain RAIN: 0.25" IN: TEMP: 52 MIN. 59 MAX.

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (2.8)NOISE: None

### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to wet soil and high tide in the Canal.

Subcontractors - No work performmed due to inclement weather conditions.

4	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY										
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION							
8	Unskilled	9	B & K	Rained out.							
7	Skilled	7	11								
1	Supt.	3	11								
1	Q.C. Rep.	2	11								
			]								
			4								

\9402\QCRPT1A PAGE 1 OF 3

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	***************************************	No	0	8	<b></b>
Komatsu D37P Dozer		No	0	8	**************************************
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe		No	0	8	•••
Koehring 535 Crane	w.,	No	0	8	
MKT Vibro Hammer		No	0	8	-
Komatsu 200 Excavator 2		No	0	8	•••
Fiat-Allis MotorGrader		No	0	8	***
Mantis 3612 Crane		No	0	8	
JSW Excavator		No	0	8	Nigodo
Welding Machine		No	0	8	****

TESTS PERFORMED (as required by plans/specifications)

None performed today.

### MATERIALS RECEIVED

None received.

\9402\QCRPT2A

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

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked equipment on the Levee and in the yard. All machinery was parked with booms and attachments lowered to the ground. Brakes were engaged (where applicable) and cabs locked up.

### REMARKS

(Instructions received, miscellaneous remarks)

We plan to work tomorrow (Saturday), but the soil may be too saturated on the Levee for any work.

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

03/31/95

Authorized Q C Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

### QUALITY CONTROL REPORT DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

B & K CONSTRUCTION JOB NO. 9402

DATE: 03/30/95

REPORT NO.: 127

SKIES: Cloudy - Rain RAIN: 0.5" IN: TEMP: 52 MIN. 59 MAX.

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (3.6)NOISE: None

### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for any Floodwall work today. Canal Water had the work area flooded as well. Carpenters worked on I-Wall Forms in the Staging Area (ripping Chamfer materials for the next reach of I-Wall.) Laborers cleaned up trash in the yard.

Survey Crew took elevation shots on the existing MP-112 Sheet Piling on the East Bank from Station 85+50 to Station 99+00. This information will be submitted as part of our Temporary Flood Protection Plan.

NO	CONTRACTOR/SUBCONTRACTORS AND  AREAS OF RESPONSIBILITY  NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION										
7 S	Unskilled Skilled Supt. D.C. Rep.	20.5 43 5 7	B & K " "	No work performed due to inclement weather. Worked on I-Wall Forms in thee Staging Area.							

\9402\QCRPT1A

PAGE 1 OF 3

4	**********************************				
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	400	No	0	8	400-
Komatsu D37P Dozer		No	0	8	
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe	Name	No -	0	8	
Koehring 535 Crane		No	0	8	
MKT Vibro Hammer	Name of the state	No	0	8	
Komatsu 200 Excavator 2	-	No	0	8	· · · · · ·
Fiat-Allis MotorGrader		No	0	8	
Mantis 3612 Crane	****	No	0	8	
JSW Excavator	V	No	0	8	- Appen
Welding Machine		No	0	8	New Control of the Co

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

### MATERIALS RECEIVED

None received.

\9402\QCRPT2A

PAGE 2 OF 3

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

No inspections performed today.

### JOB SAFETY

(Note inspection, violations/actions taken)

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

### REMARKS

(Instructions received, miscellaneous remarks)

Superintendent Mike Tassis is requesting permission to work Saturday and Sunday (04/01/95 and 04/02/95) if weather conditions are favorable.

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

03/31/95

Authorized Q & Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

### B & K CONSTRUCTION MINUTES OF SAFETY MEETING

DATE: 03/30/95

TIME: 7:30 AM

PROJECT: DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: JERRY JUSTICE

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: PREVENTING FALLS IN THE WORKPLACE

Prevention of falls on the job were discussed today. New ladders need to be kept near the I-Wall Forms, and secured to the scaffold. Chains & locks will be provided to keep ladders from being stolen.

Safety belts must be worn while scraping and cleaning the I-Wall Forms. All Form hardware should be checked and tightened weekly. No loose materials, tools, or hardware should be left on the scaffolds or the Forms themselves.

Watch your step while placing Concrete in I-Wall Forms. Don't take your eye off of the Concrete Bucket - it could easily knock you off of the Forms or scaffolds. Don't climb ladders or Forms without both hands free. Use a rope to raise or lower tools & materials instead.

### **COMMENTS:**

Watch out for poisonous snakes and other dangerous wild animals in the work area.

Q.C. REPRESENTATIVE B & K CONSTRUCTION B & K CONSTRUCTION DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL 3-30-95 Safety meeting ATTENDEES

### QUALITY CONTROL REPORT DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

B & K CONSTRUCTION JOB NO. 9402

DATE: 03/29/95

REPORT NO.: 126

SKIES: Cloudy - Rain RAIN: 34 IN: TEMP: 53 MIN. 58 MAX.

PAGE 1 OF 3

\9402\QCRPT1A

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (2.8)NOISE: None

### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to heavy rain and wet soil on the Levee. High tide in the Canal had the work area flooded as well. Employees were sent home at 8:00 AM today.

Subcontractors - Too wet for any work on the Levee, with more rain falling.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY										
NO											
6 5 1 1	Unskilled Skilled Supt. Q.C. Rep.	9 5 3 3	B & K " " "	No work performed. (Show up time only.)							

		·			
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		No	0	8	ww.
Komatsu D37P Dozer		No	0	8	***
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe		No	0	8	wa-
Koehring 535 Crane		No	0	8	***************************************
MKT Vibro Hammer		No	0	8	Video
Komatsu 200 Excavator 2		No	0	8	VAM-
Fiat-Allis MotorGrader		No	Q	8	West.
Mantis 3612 Crane		No	0	8	
JSW Excavator		No	0	8	- Second
Welding Machine	****	No	0	8	Name of the state

TESTS PERFORMED (as required by plans/specifications)

None performed today.

DELTA TESTING - Picked up 3 test cylinders (from 03/28/95) and delivered them to the Government Lab.

### MATERIALS RECEIVED

None received today.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected the Silt Fencing on the East Bank between Robert E. Lee Blvd. and Pumping Station #4. The Geotextile Material was pulled up (earlier this week) and tied to the Safety Fence where it had fallen down. No gaps or breaks were found in the Erosion Protection.

### JOB SAFETY

(Note inspection, violations/actions taken)

Checked gates at Levee Access Road entrances. All were closed and locked to keep the public out. Checked for mud or debris on the street and bridge at Robert E. Lee Blvd. None was observed.

### REMARKS

(Instructions received, miscellaneous remarks)

BARNES ELECTRIC COMPANY came by the job to plan work at the next reach on the East Bank (Pumping Station #4 to Filmore Avenue). Relocation of the FL 340 Feeder Line was discussed.

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

Authorized & C Representative

Date

03/30/95

\9402\QCRPT3A

PAGE 3 OF 3

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

DATE: 03/28/95

REPORT NO.: 125

SKIES: Cloudy

\9402\QCRPT1A

RAIN: 0 IN: TEMP: 60 MIN. 65 MAX.

DUST: Minimal LEVEE CONDITION: Damp CANAL GAUGE: (2.6)NOISE: Moderate

PAGE 1 OF 3

### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Dams were constructed at Stations 113+24 and at 110+94 on both the Protected and Flood Side of the I-Wall work area and Flood Waters were pumped out so that production work could resume. Set Protected Side Form for I-Wall Monolith #137 and poured same. Could not control Flood Water in time to pour Monolith #140.

ARCADIA REBAR - Tied (top & bottom) Re-Steel for I-Wall Monoliths #135 and #140 after Flood Water was pumped out.

50% LOST TIME DUE TO FLOODWATER CONTROL AND LIGHT RAIN.

NO	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION										
8 7 1	Unskilled Skilled Supt. Skilled	85 73.5 10.5	11	Pumping water - Forming and pour- ing Concrete - Structural Excava- ting. Tying Re-Steel for I-Wall Monolith #135 & #140.							

L			······································	***************************************	
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	Name of the last o	Yes	4	4	
Komatsu D37P Dozer		Yes	1	7	
Kubota 151 Excavator	W.O.O.	No	0	8	1999
Case 580 Backhoe	- Color	Yes	4	4	
Koehring 535 Crane	•••	Yes	0	8	4000
MKT Vibro Hammer		No	0	8	
Komatsu 200 Excavator 2	****	No	0	8	_
Fiat-Allis MotorGrader	*****	No	0	8	••••
Mantis 3612 Crane		Yes	8	0	
JSW Excavator		No	0	8	
Welding Machine		No	0	8	

### TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - Performed Concrete Tests on Mix #44 delivered by LAFARGE CONCRETE today. SLUMP = 4" AIR CONTENT = 4.79% Three Cylinders were molded and will be delivered to the Government Lab on Wednesday.

### MATERIALS RECEIVED

Received 18 c.y. of Mix #44 from LAFARGE CONCRETE COMPANY today. Mix #44 was placed on I-Wall Monolith #137 on the East Bank at Station 112+09.50. DELTA TESTING -Performed Concrete inspection and testing as required. (See "Tests Performed" for details.)

\9402\QCRPT2A PAGE 2 OF 3

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

Dams were construction to isolate the Flood Control to just the immediate work area. Flood Waters were pumped out so that we could pour I-Wall Monolith #137. Due to the extra work associated with Flood Water control we were not able to pour a second Monolith today.

50% if the work day lost due to light rain and Flood Water control.

I inspected Reinforced Concrete Floodwall work done today. LMN Form #1246 was completed before Concrete was placed in I-Wall Monolith #137.

### JOB SAFETY

(Note inspection, violations/actions taken)

Repaired Erosion Control that was damaged. Checked all rigging for defects. Made sure all equipment being used had Fire Extinguishers on board.

Workers were reminded about slick conditions associated with the light rain when climbing on the Forms.

### REMARKS

(Instructions received, miscellaneous remarks)

None.

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

Authorized Q C Representative

03/29/95 Date

PAGE 3 OF 3

\9402\QCRPT3A

	ORM CHECK OUT	FUK		RES ORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain, Canal, Mirabeau Ave	LA. and Vicinity,	London	Ave CONTR	ACT NO. ACW29-94-C-0079	ē	
MONOLITH LIFT	T NA .	CIEVATIO	N 00 to /4	IDATE OF	POUR 8 - 95	2
	INSPECTED			REVIEWED	BY C.O.E	
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Om Q	3-289	11.00			
VERTICAL		11	11			
ALIGNMENT	/	"	11			
CLEANLINESS		11	11	* .		
B. CONCRETE PILING	NIA	11	(1			
ANGLE	"	11	11			
HEADS	"	11	11			
C. STAB. SLAB/JOINTS	Im A	3-28	11:00			
CLEANLINESS		11	1,			
WATERED	/	. /1	11	.,		
WATERJET (JOINT)	N/A	. 11	11			
D. STEEL REINFORCING	Im O	3-28	11:05			N.
VERTICAL		/ı ·	11			
HORIZONTAL	/		11.			
SPACING		11	11		•.	'
CLEARANCES		Łı	(,			
STEEL SCHEDULE		11	11			
SHOP DRAWINGS .	/	IJ	r i			
TIE WIRES	/	11	11			
#6 BAR WELDED	~	11	11			
CLEANLINESS	<i>'</i>	į į l	11			
WATERED ?	THE ME	19	77 M			
E. FORMWORK	Jun J	3-28	11:05	•		
CONDITION		11	- 1( -1	•	. "	

ITEM	:	··· INSPEC	TER P								
ITFM			· ··· INSPECTED BY			CONTRACTOR			REVIEWED BY C.O.E.		
		NAME	÷0 √ +	DATE	TIME		NAME		DATE	TIME	
. FORMWORK (CONT)		,			+				<del>-</del>	+ -	
ALIGNMENT		Im J.		3-28	11:0	5					
CLEANLINESS				"	11						
RELEASING AGENT				"	11					1	
TIES AND BOLTS		/		11	)1				,		
LENGTH 28.87	<i>'</i>	/		11	11						
WIDTH 1.75-1.	00'			11	- 11		·				
· HEIGHT /2.40	/			11,	11						
WATERSTOPS		/		ļı	11						
CHAMFER STRIPS				11	ıı						
WEATHER PROTECTION	ON (	Im )		3-28	11:1	D					
SAFETY (LIST)		2nD		3-28	11:7	0					
1. R:99mg	,	100		11	1/						
2. Scaffeld 7 Zodo				"	"						
3. Eye Protection OTHER CHECKS PER	<u>                                     </u>	$\overline{\wedge}$		"		_	_		<u> </u>	<u> </u>	
SPECIFIC JOB		Jun of		3-28	1121	5					
XP. Material	N	ONE THIS	Fou		"						
EQUIPMENT USED	NO.	TYPE	TIM	E HOU	RS ·	NO.		TYPE	TIME	HOURS	
Mantis Crane		#3612	12:0	05 7.	45					<del> </del>	
Concrete Buck		1'2 c.y.	12:0	5 /	45						
Conorete Vibrato	r 2	18'+12'	ا کانی	5 /	:45						
REMARKS SLUMP =	 3″	33/4";	AIR E	NTR. = 4	+.7% ;	+ 4.4	7: con	CRETE T	EMPS = 7	└ 4°+74	
AIR TEMP				t Cylin							
NTRACTOR REPRS:	·		INAL (	CLEARAN	O.F.						

CONTRACTOR REPRS: C.O.E. REPRS:

INSTRUCTIONS

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

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

DATE: 03/27/95 REPORT NO.: 124

SKIES: Cloudy RAIN: Trace IN. TEMP.: 65 MIN 80 MAX

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

### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Attempted to dam off a portion of our work area, and pump out flood waters so that work could continue on I-Wall Forms for East Bank Monoliths #137, and #142. Completed Forms and poured Monolith #142, but could not over come flood waters when the Canal came up to elevation 3.5.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling (24'-9" long) on the East Bank from Station 110+27.25 to Station 109+34 until flood waters were not able to be controlled.

50% of work time lost due to flooding for all areas of work taking place today.

\9402\QCRPT1

	······································				//////////////////////////////////////
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	***************************************	Yes	4	4	No
Komatsu D37P Dozer		Yes	2	6	No
Kubota 151 Excavator	~~~	No	0	8	No
Case 580 Backhoe	****	Yes	4	4	No
Koehring 535 Crane	****	Yes	4	4	No
MKT Vibro Hammer	_	Yes	4	4	No
Kobelco LK 500 Loader	DEP	Yes	0	4	No
Komatsu 200 Excavator 2		No	0	8	No
Fiat-Allis MotorGrader		No	0	8	No
Mantis 3612 Crane		Yes	9.5	0	No
JSW Excavator	-	Yes	4	4	No
Welding Machine	V.A.	No	0	8	No

### MATERIALS RECEIVED

Received 18 c.y. of Mix #44 from LAFARGE CONCRETE COMPANY today. Mix #44 was placed in I-Wall Monolith #142 on the East Bank at Station 113+53.83 . DELTA TESTING performed Concrete instruction and testing as required. (See "Tests Performed" for details.)

\9402\QCRPT2 PAGE 2 OF 4

### QUALITY CONTROL REPORT

INSPECTIONS PERFORMED

(Including results and actions taken)

I inspected the Reinforced Concrete Floodwall work done today. LMN Form #1246 was completed before Concrete was placed in I-Wall Monolith #142. The work area around I-Wall Monolith #142 was completely dewatered before Concrete placing began. Work on I-Wall Forms for Monolith #137 was stopped after Temporary Protective measures were overcome when the London Avenue Canal reached elevation 3.5 and flooded the work area.

New CZ-101 Steel Sheet Piling work done today was also inspected. Miscellaneous debris below Excavation elevation is causing hard driving conditions and minor Piling deflection. Piling were found to be plumb and cut off elevation was controlled by a Laser Level. Alignment was controlled by a 40' I-Beam Template. Driving operations were stopped when the Driving Template could no longer be seen because of the Flood Water.

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

DELTA TESTING - Performed Concrete tests on Mix #44 delivered by LAFARGE CONCRETE today. SLUMP = 3.25 AIR CONTENT = 5.4% Three Cylinders were molded and will be delivered to the Government Lab on Tuesday. DELTA TESTING also performed Vibration monitoring on the East Bank near the Pile Driving operation today. Results are being furnished to the ORLEANS LEVEE BOARD.

\9402\QCRPT3 PAGE 3 OF 4

#### JONTRACTOR/SUBCONTRACTORS ALJ AREAS OF RESPONSIBILITY NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION Unskilled 76 Forming and pouring new Concrete 8 B & K 7 Skilled 66.5 I-Wall. Curing I-Wall Concrete. Supt. 9.5 1 Finishing I-Wall Monoliths pre-1 Q.C.Rep. 9.5 viously poured. Skilled 1 9.5 GILL'S CRANE Driving new CZ-101 Sheet Piling on Unskilled 1 9.5 the East Bank.

### JOB SAFETY

(Note inspection, violations/actions taken)

Checked to make sure all Temporary Flood Protection was in working condition because of the sudden rise in the Canal elevation to 3.5.

GILL'S CRANE SERVICE - Checked their own rigging and Vibratory Hammer.

### REMARKS

(Instructions received, miscellaneous remarks)

Notified the COE Area Office of our intention to pour Concrete for I-Wall Monolith #142 at 10:30 AM.

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.

> Authorized a c Representative

03/28/95

Date

\9402\QCRPT4

PAGE 4 OF 4

	FORM CHECK OUT	FUK		ORCED CONCRETE	FLOODWALI	
JOB Lake Pontchartrain, Canal, Mirabeau Ave				ACT NO. ACW29-94-C-0079		
MONOLITH LIF	T NO .	FIFVATIO	N oo to J	DATE OF	POUR 27-95	
	INSPECTED I			1	BY C.O.	
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Om Q	3-27-9	10:05			
VERTICAL		11	11			
ALIGNMENT		11	11			
CLEANLINESS		11	"			
B. CONCRETE PILING	N/A	11	11			
ANGLE	11	11	31			
HEADS	11	i,	1,			
C. STAB. SLAB/JOINTS	In O	3-27	10:05			
CLEANLINESS		//	1	,		
WATERED		"	1/	,		
WATERJET (JOINT)	NIA	11	1/			
D. STEEL REINFORCING	Im Q	3-27	10:05			
VERTICAL		11	"			
HORIZONTAL		11	//			
SPACING		11	//			
CLEARANCES	/	н	u			
STEEL SCHEDULE		11	/1			
SHOP DRAWINGS .		11	t)			
TIE WIRES		Ц	4			
#6 BAR WELDED	V "	11	li			
CLEANLINESS	· V	n	11			
WATERED "		- in-	H			
. FORMWORK	Jm)	3-27	10:10	•.		
CONDITION	V V	-11	· Ic	••	. '	

<del></del>	<del></del> ^			_ <b>_</b>	· · · · · ·	·	
i sa	INSPECTE	D BY CONTRA	CTOR	ŔEVIEWE	D BY C.O.	).E	
ITEM	NAME 11 37	DATE	TIME	NAME	DATE	TIME	
E. FORMWORK (CONT)  ALIGNMENT	Jm Q	3-27-95	10:10				
CLEANLINESS		11	11				
RELEASING AGENT		. 11	11				
TIES AND BOLTS		11	11				
LENGTH 28.84		11	11				
WIDTH 1.75 to 1.00		11	10	·.			
· HEIGHT /2.40'		11	11			18	
WATERSTOPS		11	it				
CHAMFER STRIPS		l r	l i				
F. WEATHER PROTECTION	Jan J	3-27	10:15				
G. SAFETY (LIST)	Jan J	3-27	10:15				
1. Safety Glosses		11	1/				
3. Scaffold Aladde	r V	11	"			<del> </del>	
OTHER CHECKS PER	00	3-27	10:15				
SPECIFIC JOB  EXPansion Material	ym y	11	"				
2 parts 611 1012 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7							
. EQUIPMENT USED	NO. TYPE	TIME HOU	RS N	IO. TYPE	TIME	HOURS	
Mantis Crane			45				
Conc. Bucket			45			ļ	
Conc. Vibrators	2 / and 12' 10	0:30 1	45		<del></del> -	<del>                                     </del>	
. REMARKS SLUMP =	3"4"+ 4"; AII	R = NTR. = 3	5.4%+5.	./%; CONCRETE	TEMPS =	82°	
AIR TEMPS	= <b>79°</b> ; 3 '	Test Cylind	lers (LA-				
ONTRACTOR PEROC.	FINA	AL CLEARANG	CE_				
CONTRACTOR REPRS:	Quatrice 3.	·27-95	O.E. REP	K):			

INSTRUCTIONS

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

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

DATE: 03/25/95 REPORT NO.: 123

SKIES: Pt. Cloudy RAIN: 0 IN. TEMP.: 65 MIN 85 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.7) NOISE: Moderate

### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked I-Wall Forms at East Monolith #144. Clean, oiled, & set these Forms at East Monolith #142. Also set I-Wall Forms at East Monolith #137 (Canal Side only). Formed & poured Stabilization Slab on the East Bank from Station 112+10 to Station 110+95. Welded #6 Rebar on the top of new CZ-101 Sheet Piling from East B/L Station 111+89 to Station 110+27. Burned holes in Sheet Piling to pass #5 Rebar through from Station 111+89 to station 111+20. Cement Finishers patched and rubbed East I-Wall Monolith #144, and finished Stabilization Slab Concrete. Laborers covered I-Wall Monolith #144 with Burlene, and wet down Burlene and Concrete at East Monoliths #144, #150, #148, #146, #145, #143, and #141. (Monolith #139 not wrecked yet.)

ARCADIA REBAR - Tied Reinforcing Steel for I-Wall at East Bank Monoliths #137 (bottom only) and #142 (top Steel only). Finished tying one Re-Steel Wall Curtain on the Windrow for future placement.

\9402\QCRPT1

<u> </u>		·			
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	www	Yes	2	6	*****
Komatsu D37P Dozer		Yes	1	7	
Kubota 151 Excavator	***************************************	No	0	8	
Case 580 Backhoe		Yes	2	6	900
Koehring 535 Crane	***************************************	No	0	8	
MKT Vibro Hammer	· · · · · · · · · · · · · · · · · · ·	No	0	8	
Kobelco LK 500 Loader		No	0	8	
Komatsu 200 Excavator 2	-	No	0	8	•••
Fiat-Allis MotorGrader	-	No	0	8	
Mantis 3612 Crane	4000	Yes	4	4	
JSW Excavator		Yes	0	8	
Welding Machine	New	Yes	3	5	w.

### MATERIALS RECEIVED

Received 8 c.y. of Concrete Mix #42 from LAFARGE CONCRETE today. This material was placed in Stabilization Slab on the East Bank at  $\frac{1}{2}$  Station 111+50.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected Cathodic Protection work done today. The #6 Rebar was tack-welded to each piece of CZ-101 Sheet Piling, except at each Monolith Joint, where Bond Cables linked the Sheets together. No Rebar extended through the Monolith Joints. Splices of #6 Rebar were tacked together, then tack-welded to the top of the Sheet Piling. Holes cut in the CZ-101 Sheet Piling (to pass #5 Rebar through) were spaced 9" apart (maximum), and did not cut into the Interlocks. Holes were not larger than 2" in diameter, and slotted 3" to 4" horizontally, only when they fell in the web of the Sheet Piling.

Inspected Reinforcing Steel tied today. Bar sizes, spacing, clearances, and number of bars placed were inspected. No deficiencies were noted. Bars were tied 100% with 16 gauge black annealed wire. Reinforcing Steel was clean, & free of dirt, rust, and oil.

TESTS PERFORMED

(As required by plans/specifications)

None performed today.

\9402\QCRPT3

	CONTRACTOR/SUBCONTRACTORSD											
	AREAS OF RESPONSIBILITY											
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION								
5	Unskilled	30	B & K	Wrecking, cleaning & setting I-Wall								
5	Skilled	30	li li	Forms; Forming & pouring Stabili-								
1	Supt.	6	ıı	zation Slab; Burning holes for Re-								
1	Q.C.Rep.	4.5	ıı	Bar; Welding #6 Rebar to new Sheet								
				Piling; Curing I-Wall Concrete.								
j				(See Page 1.)								
4	Skilled	16	ARCADIA REBAR	Tying Re-Steel for new I-Wall Mono-								
				liths. (See Page 1.)								

### JOB SAFETY

(Note inspection, violations/actions taken)

Checked reverse alarms on the Case 580 Backhoe, and the Komatsu Dozer today. Both machines have a working backup alarm and fully charged Fire Extinguisher on board. Checked workers for Steel Toed Boots. All employees (in the field) were wearing proper Steel Toed Boots.

### REMARKS

(Instructions received, miscellaneous remarks)

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

03/27/95

Authorized Q C Representative

Date

\9402\QCRPT4

PAGE 4 OF 4

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

DATE: 03/24/95 REPORT NO.: 122

SKIES: Clear - Pt Cloudy RAIN: 0 IN. TEMP.: 64 MIN 85 MAX

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

### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Installed three Bond Cables on the East Bank at Monolith Joints #137-#136, #136-#135, and #135-#134. Formed up, graded, and poured Concrete Stabilization Slab on the East Bank from B/L Station 113+20 to Station 112+10 (approximate). Wrecked Forms at I-Wall Monoliths #146 and #141 (East). Set Forms at East Monoliths #139 and #144, then placed Concrete at East Monoliths #139 and #144 at 12:00 and 2:15 PM. Cement Finishers patched & rubbed East Monoliths #141 and #146. Finished Stabilization Slab and I-Wall Concrete. Operator moved Reinforcing Steel from yard to the Levee. Laborers placed Burlene on East I-Wall Monoliths #141 and #146, then wet down these two Monoliths along with East Monoliths #143, #145, #148, and #150.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling (24'-9" long) on the East Bank from Station 110+70.30 to Station 110+27.25 (24 pieces) shut down work at noon today.

ARCADIA REBAR - Tied bottom Re-Steel for I-Wall at East Monolith #142, and set top Re-Steel at East Monolith #139. Pre-tied 1 1/2 Re-Steel Wall Curtains for future placement.

BAYOU TREE SERVICE - Trimmed tree limbs on the West Bank from Robert E. Lee to Prentiss, and from Prentiss worked towards Filmore Avenue. Only trimmed branches that extended out over the Construction Easement and Safety Fence. Disposed of small limbs & leaves by chipping into a haul truck. Larger branches were cut into 2' - 3' long logs to be hauled off for firewod.

\9402\QCRPT1 PAGE 1 OF 4

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	· ·	Yes	4	4	Waste .
Komatsu D37P Dozer		Yes	2	6	••••
Kubota 151 Excavator		No	0	8	_
Case 580 Backhoe	Water	Yes	2	6	****
Koehring 535 Crane		Yes	8	0	
MKT Vibro Hammer		Yes	4	4	¥66
Kobelco LK 500 Loader		Yes	2	6	No. pa
Komatsu 200 Excavator 2		No	0	8	Nation
Fiat-Allis MotorGrader	war	No	0	8	100,00
Mantis 3612 Crane		Yes	8	2	who
JSW Excavator		Yes	1	7	www
Welding Machine	ARR	No	0	8	No. of

### MATERIALS RECEIVED

Recieved 36 c.y. of Mix #44 and 8 c.y. of Mix #42 from LAFARGE today. Mix #44 was placed in I-Wall Monoliths #139 and #144 on the East Bank. Mix #42 was placed in Stabilization Slab on the East Bank at | Station 112+75. DELTA TESTING performed Concrete inspection & testing as required (see "Tests Performed" for details.)

\9402\QCRPT2

### QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

I inspected the Reinforced Concrete Floodwall work done today. LMN Form #1246 was completed by the Contractor prior to placing any Concrete in the I-Wall. Top of Wall grade was checked and found to be elevation +14.41. Settlement of the Stabilization Slab continues to be a problem for Carpenters. Portable jacks were used to raise Forms up & shim underneath as needed. Control marks were set on the new Steel Sheet Piling fro Carpenters to level off of. Alignment was set, then checked again after placement was completed. Very little movement was observed and the turnbuckles were used to take this slight error out.

New CZ-101 Steel Sheet Piling work done today was also inspected. The Piling were plumbed both ways, and elevation for cut-off was controlled by a Laser Level. Alignment was controlled by a 40' I-Beam driving template. Cut-off elevation was +4.75.

Inspected the Bond Cables cad-welded to the Steel Sheet Piling today. The areas were cleaned & dried before Cables were exothermically welded onto the Sheet Piling. Epoxy caps were placed over exposed copper wire, extending 2" past the uninsulated wire.

### TESTS PERFORMED

(As required by plans/specifications)

DELTA TESTING - Performed Concrete tests on Mix #44 delivered by LAFARGE CONCRETE today.

SLUMPS =  $4\ 1/2$ " and  $3\ 3/4$ " AIR CONTENTS = 4.9% and 5.0% Three Cylinders were molded and will be delivered to the Government Lab on Monday.

DELTA TESTING - Also performed vibration monitoring on the East Bank near Pile Driving operations today. Results are being furnished to the ORLEANS LEVEE BOARD.

\9402\QCRPT3 PAGE 3 OF 4

#### CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY HOURS LOCATION/WORK DESCRIPTION N0 TRADE COMPANY Unskilled Wrecking, forming, & pouring new 83 B & K 7 Concrete I-Wall; Curing I-Wall Skilled 93 7 Concrete; Forming & pouring Stabil-Supt. 10 1 ization Slab; Installing Bond Cable Q.C.Rep. 9.5 1 for Cathodic Protection (Page 1.) Tying Reinforcing Steel for new I-2 Skilled 16 ARCADIA REBAR Wall (See Page 1 for locations.) Driving new CZ-101 Sheet Piling on Skilled GILL'S CRANE 1 5 Unskilled the East Bank. (See Page 1.) 5 1 Trimming Tree limbs on the West Skilled BAYOU TREE 5 1 3 Unskilled 15 Bank. (See Page 1 for locations.)

### JOB SAFETY

(Note inspection, violations/actions taken)

Checked Rigging on Forms, Re-Steel, and Concrete Bucket today. No unsafe Slings, Shackles, or Rigging was observed. Tag lines were used to control the load from the ground.

GILL'S CRANE SERVICE - Checked their own Rigging and Vibratory Hammer for parts that might have vibrated loose. No problems were noted. 535 Crane was boomed down & all equipment was secured for the weekend before leaving today.

### REMARKS

(Instructions received, miscellaneous remarks)

Notified Chris Wagner of our intentions to place I-Wall Concrete today, as well as the next week (Monday thru Friday) at 10:30 AM, and 10:00 PM. (Weather permitting)

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.

Authorized Q C Representative

Date

03/25/95

\9402\QCRPT4

PAGE 4 OF 4

	FORM CHECK OUT	FUR		ORCED CONCRET	E FLOODWALL	•
JOB Lake Pontchartrain, Canal, Mirabeau Ave	LA. and Vicinity, to Leon C. Simon	London Blvd.	Ave CONTR D	<b>ACT NO.</b> ACW29-94-C-001	79	
MONOLITH LIFT	r nn .	FIFVATIO	N 00 to 14	IDATE	OF POUR 24-95	_
	INSPECTED E	1	ED BY C.O.E			
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	In O	3-24-9	1:45 Pm			
VERTICAL		11	11			
ALIGNMENT		10	1/			
CLEANLINESS		11	11			
B. CONCRETE PILING	N/A	tı	11			
ANGLE	,,	11	11			
HEADS	11	11	11			
C. STAB. SLAB/JOINTS	Om O	3-24-9	5 1:45 Pm			
CLEANLINESS		11	11			
WATERED		. (1	1/	•	,	
WATERJET (JOINT)	NIA	Ц	11			
D. STEEL REINFORCING	In a	3-24		,		
VERTICAL		11	11			
HORIZONTAL	. /	"	et			
SPACING		11	1/			
CLEARANCES		',	11			
STEEL SCHEDULE		(1	11			
SHOP DRAWINGS .	/	11	11			
TIE WIRES		"	η.			
#6 BAR WELDED		"	//			
CLEANLINESS		. 11	"		. ,	
WATERED "		11	··· .// .			
E. FORMWORK	Jan J	3-24	1:50 pm	•		
CONDITION		11	11			

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INSPECTE	D BY CONTR	- KEVIEWE	REVIEWED BY C.O.E.			
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		2				
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			-17)			
	AL CLEARAN	ICE				
	NAME  NAME  NAME  NO. TYPE  1 3612 1  1 1/2 c.y. 1  2 18' 4/2'  3 34"; AI  = 81°; 3	NAME   DATE   3-24-1   11   11   11   11   11   11   11	3-24-7-1:50   11   11   11   11   11   11   11   1	NAME  DATE TIME NAME  3-34-9-1:50  11 11  11	NAME  DATE  TIME  NAME  DATE  DATE	

INSTRUCTIONS

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

•	FORM CHECK OUT	FUK	STRU XX REINF	URES ORCED CONCRET	E FLOODWALI		
JOB Lake Pontchartrain,				ACT NO. ACW29-94-C-00	79		
Canal, Mirabeau Ave MONOLITH East # 144	T NO	from 2.0	N	IDATE	OF POUR -24-95	_	
	INSPECTED				ED BY C.O.E		
ITEH	NAME	DATE	TIME	NAME	DATE	DATE TIME	
A. SHEET PILING	Om I	3-24-9	10:05				
VERTICAL		/1	11				
ALIGNMENT		"	11				
CLEANLINESS		11	11				
3. CONCRETE PILING	N/A	11	11				
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WATERED		17	11				
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. STEEL REINFORCING	Jan J	3-24	10:05	;			
VERTICAL		"	11				
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HEIGHT			ij	t i					
WATERSTOPS	/		t,	17					
CHAMFER STRIPS			41	11					
. WEATHER PROTECTION	Im O	3	-24	10:1	15				
. SAFETY (LIST)	Om O	3	-24	10:1	5				
1. Rigging 2. Scalled + Ladde 3. Eye Profection	e j		] [ ] [ ] [	11					
OTHER CHECKS PER SPECIFIC JOB Exp. Material	Im		-24 11	10:1.	5				
. EQUIPMENT USED	NO. TYPE	TIME	НОИ	RS ·	NO.	TY	PE	TIME	HOURS
Mantis Crane Concrete Bucket Concrete Vibrators	1 3612 1 1/2 c.y. 2 18'+12'	1215 hr	s 2 2						
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AIR TEMPS	= 82° ;	3 Test	EARAN	CE					
ONTRACTOR REPRS:	Justice	INSTRUC	C	.O.E. J	REPRS:				

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

INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CURSTRUCTION - CIVIL						WITH TI	₩E QAR	E ATTACHE	TO OR FIL	LED			
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CONTRACTOR/SUB	CONTRACTORS A	ND AREA OF RESP	PONSIBILITY FOR	R WORK PE	RFOR	MED TOOA	·						
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<b>b</b> <u>Gill's C</u>	<u>rane Servi</u>	ce, In <u>c</u>	STEEL SH	EET PII	LES	_						_	
c <u>Arcadi</u> a	Rebar, Inc	SETTIN	G & TYING	RESTEE	EL_							_	
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REINFORCED	CONCRETE	FLOODWALL:	No instr	uctions	sis	sued.			•				
RESTEEL ST	EEL INSTAL	LATION: No	instruct	ions is	ssue	d.							

STEEL SHEET PILES: No instructions issued.

### RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS COC ACTIVITIES The following Follow-Up QA Inspections were performed this date: REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspection.on East Monos #141 & #146 prior to placing concrete (see attached LMN Form 1246's). Witnessed placement & vibration of concrete into the above mentioned I-Wall monoliths. Concrete receiving adequate vibrations. Witnessed Delta Testing Rep. performing required concrete test & molding 3 test cylinders (see back of attached LMN Form 1246's for test results). Checked and found East Monos #143, #145, #148 & #150 being properly cured with wetted burlene. Observed finishers con't to rub surfaces of East Monos #145 & #150 this date. RESTEEL INSTALLATION: Checked and found all required resteel for East Monos #141 & #146, properly installed in accordance with approved shop drawings. All resteel was properly spaced and tied at 100%. STEEL SHEET PILES: Observed Subcontr. sticking & driving approx. 66 pcs of CZ-101 X 24'-9" sheet piles, between EB/L Sta's 110+70.30 and 111+89.30. All piles were driven plumb and on proper alignment, down to an approx. top elev. of +4.75 as required $(\pm 1\frac{1}{2})$ . Checked pile plumbness with a 4' level, and alignment with contractor's instrument. 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 REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE HRS. ON SITE DUTIES NAMES DESIGNATION PΕ Civ. Engr., GS-11 2 hrs. C. WAGNER 8% hrs. QAR Const. Insp., GS-07 Z. BRYANT SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Contractor held Weekly Safety Meeting on site at 0730 hrs. this date. See attached minutes for topics discussed. Noted all personnel in vicinity of pile driving operations were wearing hearing protection, hard hats and steel-toed boots. No safety infractions were noted this date.

DATE

03 APR 95

(Heverse of ENG FORM 2538-2 (CIVIL)

ZANE D. BRYAN

INSPECTOR'S SIGNATURE

Pagé 2 of 2 pages

SUPERVISOR'S INITIALS

## CONTRACT NO.: DACW29-94-C-0

QAR # 91

DATE: Thu. - 23 Mar 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	50.2%	-0-	50.2%	50.2%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	4.7%	-0-	4.7%	4.7%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	2946.84	21484.29	11.4%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	10.2%	0.5%	10.7%	10.7%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%

	FORM CHECK OUT		STRL REINF	URES ORCED CONCRETE I	FLOODWALL	
JOB Lake Pontchartrain, Canal, Mirabeau Ave	LA. and Vicinity,	London I	Ave CONTR	ACT NO. ACW29-94-C-0079		
MONOLITH LIF	T NO . IF	IFVATION	0 to /4	DATE OF	POUR 3-95	-
	INSPECTED B				BY C.O.E	
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Show Or	3-23-95	10:00	21B	3-23-95	1400
VERTICAL		11	11	~	L	-
ALIGNMENT		"	11	~	-	_
CLEANLINESS		11	11		-	
B. CONCRETE PILING	N/A	"		N/A	N/A	1/4
ANGLE	11	11	11	٧.	"	t,
HEADS	11	1)	Ц	a	11	4
C. STAB. SLAB/JOINTS	In D	3-23-95	10:00	308	3-23-95	1400
CLEANLINESS		11	′1	1		-
WATERED		11	"	\		
WATERJET (JOINT)	NIA	11	11	N/A	N/A	4/1
D. STEEL REINFORCING	Om O	3-23-95	10:00	308	3-23-95	1400
VERTICAL		11	<u>Ir</u>	· ·	<u></u>	
HORIZONTAL		11	11	<u> </u>	~	
SPACING			ti	<b>✓</b>		~
CLEARANCES		11	1,		~	_
STEEL SCHEDULE		11	ij	· V	~	
SHOP DRAWINGS .		11	ij	~		
TIE WIRES		"	t <sub>1</sub> .			~
#6 BAR WELDED	<u>/</u> "	11	11	. ~	-	•
CLEANLINESS		` n :	(ı			V
WATERED '	***	- 47 - 7	ti ·	10	~	
FORMWORK	Jan J	3-23-9	5 10:05	345	3-23-95	1400
CONDITION		11	. //	· ·	, —	_

<del></del>		_^							,	•
i vi		·· INSPEC	TED B	Y CONTR	ACTOR			ŔEVIEWED	BY C.O.E.	•
ITEM		NAME 1	Ģ.,	DATE	TIME	•	, N	AME	DATE	TIME
E. FORMWORK (CONT)		^			1					
ALIGNMENT	.	Im	,	3-23-	95 10.	.05		3B	3-23-95	1400
CLEANLINESS		1/1		lı	11	,				
RELEASING AGENT				t)	i i			~		
TIES AND BOLTS				15	11			/		
LENGTH				11	11			V		V
WIDTH				11	. 11		٠.	/	V	
HEIGHT		/		Ŋ	11			~		
WATERSTOPS				"	11.	_		~		~
CHAMFER STRIPS				11	11			<u></u>		
. WEATHER PROTECTION		Im Q		3-23-95	5 /0:/	0		30B	3-23-95	1405
G. SAFETY (LIST)	/	In D		3-23-9	10:1	0		7.NS	3-23-95	1405
1. Eye Protection		121		н	11			02	L	-
2. Check Rigging		_/_		1(	H H					
3.Gcoffold & Ladder OTHER CHECKS PER				11	11			<u> </u>	1	
SPECIFIC JOB	()	m		3-23-95	10:1.	5-		3/1/2	3-23-95	1405
Expansion Material		P		1/	1)			0		
					<del>                                     </del>				+	
. EQUIPMENT USED	NO.	TYPE	11T	1E HO	JRS .	N	0.	TYPE	TIME	HOURS
mantis 3612	1	CRANE	141	5 1	:45					
Concrete Bucket	1	1/2 c.y.	a		:45	<u> </u>			ļ	
Concrete Vibrators	2	18,4 17.	,	11	:45			_	+	
REMARKS SLUMP = .	3	;	AIR E	ENTR. =	5,5%			CONCRETE	TEMPS = 83	•
AIR TEMPS				st Cylir						
		^F	INAL	CLEARA	NCE					
ONTRACTOR REPRS:	$\cap$	<i>t</i>		[ (	:.O.E.	REP	RS:>	2.111		

CONTRACTOR REPRS:

SPECIFIC CONTRACT OR STRUCTURE.

INSTRUCTIONS

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

	FORM CHECK OUT	FUK 2		ORCED CONCRETE	FLOODWALL	•
JOB Lake Pontchartrain, Canal, Mirabeau Ave				RACT NO. DACW29-94-C-0079		
MONOLITH LIF	T NO.	LEVATION from Z.O		7.40 DATE OF	POUR 23-95	
	INSPECTED E				BY C.O.E	
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Omb	3-23-95	10:15	ZIB.	3-23-95	1030
VERTICAL		"	1/		L	_
ALIGNMENT	/	11	71		_	_
CLEANLINESS		11	11		_	_
B. CONCRETE PILING	N/A	1)	J1	N/A	N/A	N/A
ANGLE	"	11	}1	И	, ,,	"
HEADS	1/	11	11	,1	"	"
. STAB. SLAB/JOINTS	Jun J	3-23-95	10:15	7NB	3-23-95	/030
CLEANLINESS		11	11	,	_	<u></u>
WATERED		1)	11			
WATERJET (JOINT)	NA	11	1,	N/A	N/A	1/4
. STEEL REINFORCING	Im A	3-23-9	10:15	30B	3-23-95	1035
VERTICAL		n ·	u		<u></u>	_
HORIZONTAL		7	n	>		<u> </u>
SPACING		11	ij		~	/
CLEARANCES		11	Ч	>	<u></u>	/
STEEL SCHEDULE	. /	- 0	ч	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	~	
SHOP DRAWINGS .		п	U .	/		
TIE WIRES		11	11 -	✓		/
#6 BAR WELDED		П	r I	·	~	<u></u>
CLEANLINESS		11				_
WATERED ?"	11 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11	· 11	<i>/</i>		
. FORMWORK	In S	3-23-95	10.20	- //	3-23-95	1035
CONDITION			. /:		· •	

r to		·· INSPEC	TED B	Y CONT	RACTOR		Ŕ	EVIEWE	D BY C.O.E	•
ITEM	1	NAME		DATE	TIME		NAME		DATE	TIME
ALIGNMENT	(	md		3-2 <i>3</i> -	95 10	:20	₹,	CB	3-23-95	1035
CLEANLINESS				11	,	,	<del>-</del>	~		-
RELEASING AGENT		/		11		,		_		-
TIES AND BOLTS		/	:	71.7	1	,		V		-
LENGTH 28.88'		/		١,,	,,			~		-
WIDTH 1.75 to 1.00	1	/		11	11		·.	<u> </u>		
· HEIGHT /Z.40'		/		11	ij				-	_
WATERSTOPS				13	13		_	V	<u></u>	_
CHAMFER STRIPS		/		11	13			/	<u></u>	_
. WEATHER PROTECTION	Q	n )		3-23	10:2	25		NB	3-23-95	1040
. SAFETY (LIST)	0	m d		3-23	10:	25	3	1B	3-23-95	1040
1. Rigging Check 2. Scaffold + Ladde	-			11	"			~	<u>レ</u>	١
3. Eye Protection				11	11	_	<u>_</u>			
OTHER CHECKS PER SPECIFIC JOB	9	lon J	,	3-23-9	10:	25	Ž.	B	_	
xp. Moterial	NON	ETHIS	P	OUR						
EQUIPMENT USED	NO.	TYPE	TIM	IE HO	URS .	NO.		TYPE	TIME	HOURS
Mantis 36/2		Crone	1115	5	2					
onc. Bucket	1/	2 C. V.	"		2					
Conc. Vibrator	2 /	8'+12'	11		2	<u> </u>			1	

AIR TEMPS = 8/°

; 3 Test Cylinders (LA-/**6**)

PRS: / FINAL CLEARANCE C.O.E. REPRS:

CONTRACTOR REPRS:

INSTRUCTIONS

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

DATE: 03/23/95 REPORT NO.: 121

SKIES: Pt. Cloudy RAIN: 0 IN. TEMP.: 63 MIN 84 MAX

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

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked East I-Wall Monoliths #143 and #148 today. Cleaned, oiled, and set these same Forms at East Monoliths #141 and #146. Placed Concrete at East Monoliths #141 and #146 today. Cement Finishers patched & rubbed East I-Wall Monoliths #145 and #150. Laborers covered East I-Wall Monoliths #143 and #148 with Burlene Blankets, and wet down these Blankets throughout the day. Also kept East Monoliths #150 and #145 wet today to accomplish wet curing of new Concrete. Assisted GILL'S CRANE SERVICE in driving of new CZ-101 Steel Sheet Piling.

GILL'S CRANE SERVICE - Drove new CZ-101 Sheet Piling on the East Bank from B/L Station 111+89.30 to Station 110+70.30 (66 pieces, 24'-9" long each). Sheet Pile cut off elevation was +4.75; C/L of the new I-Wall = C/L of new CZ-101 Sheet's alignment.

ARCADIA REBAR - Tied Reinforcing Steel for new I-Wall on the East Bank at Monolith #144 (top and bottom), and Monolith #141 (top only). Also pre-tied two more Re-Steel Wall Curtains on the Windrow for future use.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	4	4	***
Komatsu D37P Dozer	1	Yes	1	7	voe-
Kubota 151 Excavator	***************************************	No	0	8	
Case 580 Backhoe		Yes	2	6	***
Koehring 535 Crane		Yes	8	0	
MKT Vibro Hammer		Yes	8	0	
Kobelco LK 500 Loader		No	0	8	· veatr
Komatsu 200 Excavator 2		No	0	8	**************************************
Fiat-Allis MotorGrader		No	0	8	VAL
Mantis 3612 Crane	Novement of the second of the	Yes	8	0	Nadar
JSW Excavator		Yes	3	5	V-04

#### MATERIALS RECEIVED

Received 36 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed in I-Wall (East Monolith #141 and #146). See "Tests Performed" for details.

No other materials received today.

\9402\QCRPT2 PAGE 2 OF 4

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Laborers repaired Silt Fencing on the East Bank between Station 119+00 and 112+00. The Silt Fence had fallen, and had to be cleaned off and re-tied up to the Safety Fence again.

Inspected the new CZ-101 Sheet Pile work completed today. Cut off elevation was +4.75, controlled by use of a Laser Level. Alignment was was controlled by use of a 40' I-Beam Template, marked off in increments of 3.61' at the C/L of Interlocks. Plumbness was checked both ways, and kept within 1/8" per foot. Very difficult driving was encountered in some areas (due to underground obstructions). Alignment could not be kept as accurately as we would like at locations where obstructions were encountered. The worst Piling alignment found was 0.2 to the West. Attempts to pull this pair of Sheets over to the East were unsuccessful so far. Only three of the 33 pairs driven today had any alignment error (0.25', 0.21', and 0.20' too far West). If this problem continues to occur, we may have to use a double template to stop movement of Sheets away from the driving template when obstructions are encountered. No problems noted with the Interlocks - all were fully engaged.

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

DELTA TESTING - Performed Concrete tests, as required by the Contract Specifications, on Mix #44 delivered by LAFARGE CONCRETE COMPANY today. SLUMPS =  $3\ 1/4$ " and  $3\ 3/4$ " AIR CONTENTS = 5.1% and 5.5%

DELTA TESTING also performed vibration monitoring on the East Bank in the back yards of residences along Warrington Drive today. Results are being furnished to the ORLEANS LEVEE BOARD.

\9402\QCRPT3 PAGE 3 OF 4

#### JONTRACTOR/SUBCONTRACTORS 6...J AREAS OF RESPONSIBILITY TRADE HOURS LOCATION/WORK DESCRIPTION NO COMPANY Unskilled Forming, pouring, wrecking, curing 68 6 B & K Skilled and finishing new Concrete I-Wall. 77 8 1 Supt. 9 (See locations on Page 1.) Q.C.Rep. 1 8 2 Skilled 16 ARCADIA REBAR Tying Reinforcing Steel for new I-Wall Monoliths. (See Page 1.) Driving new CZ-101 Steel Sheets. Skilled GILL'S CRANE 1 8 Unskilled (See locations on Page 1.) 1 8

JOB SAFETY (Note inspection, violations/actions taken)

Held the Weekly Safety Meeting today at 7:00 AM. Minutes are attached to this report.

Ordered new Walkboards for Cement Finishers scaffolding today.

Checked rigging on the V-5 Hammer prior to driving Sheet Piles, and again at lunch, to make sure no shackles were vibrating loose. (Tie-wire was used to secure the screw pin anchor shackles.)

#### REMARKS

(Instructions received, miscellaneous remarks)

A complaint was registered today from the resident at 6007 Warrington Drive (Mr. Bill Hamilton) about Pile Driving operations vibrating his home. DELTA TESTING stated that they did not register any harmful amounts of vibration today (or any other day).

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.

Authorized Q C Representative

03/24/95

Date

\9402\QCRPT4

PAGE 4 OF 4

## B & K CONSTRUCTION MINUTES OF SAFETY MEETING

DATE: 03/23/95 <u>TIME</u>: 7:30 AM

PROJECT: DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: JERRY JUSTICE

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: EMPLOYEE'S RESPONSIBILITIES

Employees were informed that they each have personal responsibilities to safety in their work area. This includes: general housekeeping, reporting of any defective tools, cords, hoses, ladders, scaffolds, etc.; reporting of any unsafe acts, unsafe workers, near miss accidents, etc.. Furthermore, the skilled workers such as operators and carpenters have greater responsibilities. Carpenters are responsible for checking lifting brackets, scaffold brackets, walkboards, handrails and all formwork hardware that could vibrate loose. Operators must check their equipment each day, including cables, slings, shackles, and other rigging used. Any problems noted on machinery must be reported immediately, and repaired before further use (if a safety hazard exists). This meeting today is your notice that the Superintendent and Q.C. Representative are not solely responsible for safety. Each employee has an obligation to himself and his crew to correct safety hazards or to report problems that he can not correct by himself.

#### COMMENTS:

Keep the scaffold & form panels free of loose materials, hardware, tools, or debris. Tie-bolts should be secured with tie-wire or other methods to prevent them from falling while being moved. Tag lines must be tied to forms and all other suspended loads to control the lift.

Q.C. REPRESENTATIVE

B & K CONSTRUCTION

B & K CONSTRUCTION
DACW29-94-C-0079
LONDON AVENUE OUTFALL CANAL

3-23-95 Safety Meeting ATTENDEES

Jan Justice 2012/2014	Keyin Dufauchial
Mil Comment	
Bryon & Verdun. Bryon & Jones &	
August Brailer	
Jan	
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INSP		JALITY SI G OF CUNST (ER 415-1-	1RUCTI( 302)	ON ·	- CIVIL		AR)	iv.	W	ORT NUMBI			TO OR F	FILED
CELMN-CI							N-CD			22 M	arch 1	995		
PROJECT Lake		in, La. an	d Vicir	nity	Londo	n	Ave. Ca	anal.	CONT	TRACT NU				
<u>Mirabe</u> au Av									.	DACW29	-94-C-(	0079	)	
CONTRACTOR (Or	hired labor) B	K Constru	ction (	ໄດ້ແກ	any In	10	,			THER				,
		ighway 59,							В	ont 1	C1	с т	f	
		HEDULED DAY SU		_		, ,	7.10		<del>-   -</del>	artry	Cloudy			
STRUCTURAL	BORROW	EMBANKME		ONCR		67	RUCTURE		<del></del>		TEMPE		<u> </u>	
EXCAVATION	EXCAVATION					31		_	MINI	MUM	MAX	MUM		
100%	100	0% 10	0 %		100 %		100	) % <u> </u>		<u>62°</u>			3°	
LIAC ANDTUNO	DE 151 OBSD 041 TI	#E 1440014 14# 11014		_	•	_					4 HOUR P	RECIP	TATION	
	DEVELOPED ON TH NGE ORDER OR FI		MIGHT	×	) NO		YES (Expl	Bill)	INC	HES	END	ING		
						_				0.00"		07	30	M
	NUMBER OF GO	VERNMENT EMPLO	DYEES							Cana	1 RIVER	STAGE		
SUPERVISORY	OFFICE	LAYOUT	INSPECTI	ЮN	TOTAL		LABOR		FEE	Т	TIME	TIME		
			1-8 hr	îs.	1-8 hr	s				1.50'		08	00	м
NUMBER OF	CONTRACTOR'S E	MPLOYEES					NUMBER C	F SHIFTS	[3]		2 🗇 3			
SUPERVISORY	SKILLED	LABORERS	TOTAL		FROM	Ti	<u> </u>	FROM	<del></del>		FROM	_	TO	
2-16½ hrs	11-91 hrs	6-52½ hrs	19-16	50	0700		1600 M		м	N	.	м		
C Gill's  WORK PERFORM  a) Wrecked  for East M  #145 and #  b) Set & t  c) Con't s  Days of no work an	onst. Co.,  Rebar, Inc.  Crane Servi  ED TODAY (Indicate forms from from from from from from from from	Inc R  SETTI ice, Inc le location and descri in East Mono Poured conc and unload resteel fo from drivin	EINFORC NG & TY STEEL STEEL 1940 of work #145; rete for ed sheed r East g steel	ZING ZING SH Set or E et p Mon	RESTEE EET PIL forms, ast Mon iles in o #139, eet pil	ES boos s a es	#143 a outh St nd wall for I-	ALL; S  by puine and sing and #1 taging stem wall	tersto 48; Cu Area. reste on eas	ps and ring E el for t leve	chamfe chamfe ast Mon East !	er s	#143, #1441	
50% of da	ys lost due ys lost due gress of work, cause e work was	to advers	e weath	ner/	high ti	.de	s on 04	4, 05,	09 &	20 Mar	95.			
	FOR COMPLET		APRIL ONS GIVEN							CT COM	-	_	12.5	
					. 4		1							
Attended t	he following	ng CQC Insp	ection	Pha	ses thi	.S	date:							
REINFORCED	CONCRETE I	FLOODWALL:	No ins	stru	ctions	is	sued.							

•

STEEL SHEET PILES: No instructions issued.

## RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES The following Follow-Up QA Inspections were performed this date: REINFORCED CONCRETE FLOODWALL: Performed Pre-Placement Inspections on East Monos #143 and #148 this date (see attached LMN Forms 1246). Observed placement and vibrations of concrete into forms this date. Concrete receiving adequate vibrations this date. Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (see back of attached LMN Forms 1246 for test results). Checked alignment of forms for East Monos #143 and #148 this date, and found them to be in accordance with plans. Checked and found East Mono #145 to be covered with a wet burlene blanket and the tops of East Monos #143 & #148 to be covered with wet burlene strips. Checked and found contractror poured a 4" stabilization slab between EB/L Sta's 113+20 and 113+50, with a top elev. of +2.00' STEEL SHEET PILES: Checked heat numbers on sheet piles received this date, and found them to match those on the Mill Certificates from Casteel. Noted that Gill was continuing to set up for resuming the driving of sheet piles on Thu., 23 Mar 95. QUALITY CONTROL: Contractor is providing adequate quality control this date. RESTEEL INSTALLATION: Checked installation of resteel for bottom of East Mono #139 and for wall stem of East Mono #141, and found to be in accordance with approved shop drawings. 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 REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE HRS. ON SITE DUTIES DESIGNATION NAMES Const. Insp., GS-07 OAR 7 hrs. Z. BRYANT SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Checked and found back-up alarm working properly on the Case 580C Loader/backhoe this date. No safety infractions were noted this date.

(Heverse of ENG FORM 2538-2 (CML)

INSPECTOR'S SIGNATURE

DATE

ned to

SUPERVISOR'S INITIALS

z/zz/ez

QAR #\_\_\_\_\_90\_\_\_

DATE: Wed. - 22 Mar 95

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	50.2%	-0-	50.2%	50.2%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	4.7%	-0-	4.7%	4.7%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	9.7%	0.5%	10.2%	10.2%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%

	FORM CHECK OUT	FUK 2		ORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain,  Canal, Mirabeau Ave,  MONOLITH   LIF	LA. and Vicinity, to Leon C. Simon	London Blvd.	, D.	ACW29-94-C-0079	DOUD	
MONOLITH LIF			V O' to /4	DATE OF	/22/95	
	INSPECTED E	BY CONTRA	ACTOR	REVIEWED	BY C.O.E	•
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	(m)	3-21-	95 12:45	- 3UB	3-2/-95	1300
VERTICAL	1/1	11	n	<u> </u>	_	_
ALIGNMENT		11	11	7		_
CLEANLINESS		1(	11			_
B. CONCRETE PILING	NA	11	11	NIA	NA	NA
ANGLE	//	11	[1	.17	1/	"
HEADS	/1	(1	7	(1	"	"
C. STAB. SLAB/JOINTS	In	3-21-95	12:45	3/AB	3-2/-95	1300
CLEANLINESS		11		V	-	-
WATERED		11			~^1	_
WATERJET (JOINT)	NIA	11		N/A	N/A	NA
D. STEEL REINFORGING	Om D	3-21-95	12:45	- ZUB	3-2/95	1305
VERTICAL		11	(C	~		_
HORIZONTAL	. /	11	(1	/		•
SPACING		10.	11		~	-
CLEARANCES		4	(1	V		~
STEEL SCHEDULE		(1	11	~	~	<u></u>
SHOP DRAWINGS .	/	11	11	/	~	
TIE WIRES		(I	11.	V		
#6 BAR WELDED	V	((	(,	. ~	-	_
CLEANLINESS		`((	. li	V		
WATERED "		rı	··· ife .	1	-	
. FORMWORK	am d	3-21-95	12:50	31B	3-21-95	1310
CONDITION		(1	- 11		' _	

					,	<u> </u>			<b>`</b>		
		···INSPEC	TED B	Y CON	TRAC	CTOR			ŔEVIEWED	BY C.O.E	•
ITEM		NAME 1		DAT	E	TIME		N	AME	DATE	TIME
E. FORMWORK (CONT)		· _							. 0		
ALIGNMENT		Om J.	,	3-21	-95	12:5	30		32/2	3-2/-95	1310
CLEANLINESS				/		((			-		_
RELEASING AGENT		V		11		( )			_	سي	
TIES AND BOLTS	,			11		"			_	<u></u>	_
LENGTH				11		"			~		
WIDTH		/		11		/1		•	_		
·HEIGHT				11		17			~		
WATERSTOPS				11		t j			/		
CHAMFER STRIPS				11		fj			~		/
F. WEATHER PROTECTION	(	Jm Jr		3-21-	15	12:5	0		7/B	3-21-95	1315
G. SAFETY (LIST)	1	Jung		3-21-	95	12:50	<b>5</b>		3/B	3-2/-95	13/5
1. Scaffolds & Ladders		000		11		11					
2. Robber Gloves	<u></u>	_/_		"	$\dashv$		_			<b>1</b>	<u> </u>
3. Jafeky Ghasses OTHER CHECKS PER H. SPECIFIC JOB		Ima		3-21-4	25	12:5	5		31B	3-2/-95	1315
EXPAUSION MATERIAL				ir	+	11	-		- Or -		
		-									
					. [		$\perp$				
I. EQUIPMENT USED	NO.	TYPE	TIM		IOUR		N	0.	TYPE	TIME	HOURS
Mantis Crane,		#3612	/03			<u>a</u>					
Concrete Bucket	-	1/2 C.Y.	/03			1/2					
Cons. Vibrator	2	18'+12'	<b>19</b> 3	<del>^</del> +	{	1/2					
J. REMARKS SLUMP = 3/	<u>'</u>	j	AIR E	NTR.	= 4	1.8%		;	CONCRETE	TEMPS = 77	;
AIR TEMPS = 75°; 3 Test Cylinders (LA-/5)											
_		<del>- F</del>	INAL	CLEÁR	ANC	E					

C.O.E. REPRS:

CONTRACTOR REPRS:

THETOUG

INSTRUCTIONS

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

	FORM CHECK OUT	FUR 4	_	ORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain, Canal, Mirabeau Ave.			Ave CONTR	ACW29-94-C-0079	,	
MONOLITH LIF	T NO.	LEVATION	0′ to /4	DATE OF 03/2	POUR 2/95	
	INSPECTED B				BY C.O.E	•
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Jm Q	3-22-85	10:50	34B	3-22-95	1100
VERTICAL	9-9/	11	11	~	_	_
ALIGNMENT		1,	1,	~	_	_
CLEANLINESS		11	11	V	-	_
B. CONCRETE PILING	N/A	11	Ц	N/A	N/A	1/4
ANGLE	11	L)	1(	"	"	11
HEADS	11	11	(f	11	,,	11
C. STAB. SLAB/JOINTS	Im Q	3.22-95	10:50	3/1B	3-22-95	1100
CLEANLINESS		11	u -	- 0 -		ب ا
WATERED		11	11	/		
WATERJET (JOINT)	N/A	()	٠,	N/A	N/A	NA
D. STEEL REINFORCING	Om I	3-22-95	10:50	3B	_	/
VERTICAL		11	11	V	/	)
HORIZONTAL		11	11	~	~	/
SPACING	V	11	<del>,</del> †	<u> </u>	/	
CLEARANCES	✓	11	11		/	1
STEEL SCHEDULE	V	11	11		/	_
SHOP DRAWINGS .		11	11			
TIE WIRES	/	11	! [.		/	
#6 BAR WELDED		ΙĮ	4		~	_
CLEANLINESS		1	$t_1$			~
WATERED	many (m)	111	11.	~		/
FORMWORK .	Jm J	3-22-95			3-22-95	1105
CONDITION		110	71 -		-	

			· ·						<b>`</b>		
r stee		INSPEC	TED B	Y CO	NTRA	CTOR			ŔEVIEWE	BY C.O.E	•
ITEM		NAME 1	<b>5</b> € /	DA	TE	TIME		N	IAME	DATE	TIME
E. FORMWORK (CONT)	1	۸٠		1-		<del>  `</del> '				_	<del> </del>
ALIGNMENT		Im I		3-2	2-9.	10	55	$\frac{1}{2}$	AB	3-22- <del>1</del> 5	1105
CLEANLINESS				,	(	*(					_
RELEASING AGENT				,	,	//					-
TIES AND BOLTS				,	1	",				L .	-
LENGTH 28. 88				1,		1,					-
WIDTH 1.75 to 1.00'		V		11		11			~	L	
· HEIGHT /2.40'				11		11					
WATERSTOPS		/		11		L.				-	
CHAMFER STRIPS			<u> </u>	1,		11				·	
F. WEATHER PROTECTION		In J		3-20	75	11:00			3/1B	3-22-45	1110
G. SAFETY (LIST)		In)				-)/¦c			7013	3-22-95	1116
1. Scaffolds & Ladder		100		(1		11					レ
2. Safety Glasses				//		11			レ	レ	
3. Rubber & bues OTHER CHECKS PER SPECIFIC JOB		Jung		3-22	$\overline{}$	11:0	0				
Exp. Material	~	one This	s Po	uR		_					
FOULDWENT											
I. EQUIPMENT USED	NO.	TYPE	TIM		HOUF		N	0.	TYPE	TIME	HOURS
Mantis Crane	/	#3612	/32			1/2	<u> </u>				
Conc. Bucket	7	1/2 c.y.	137	20	-4	12	_			-	
CARCO MILITARIA		1 A V 10	13			<del>-</del>					
J. REMARKS SLUMP = 3	1/4"		AIR E	NTR.	= 3	5.0%		;	CONCRETE	TEMPS = 80	, ;
AIR TEMPS		o;				ers (	LA-	<i>(</i> 5)			
	$\overline{\Delta}$	F	INAL								

FINAL CLEARANCE
| C.O.E. REPRS:

CONTRACTOR REPRS:

SPECIFIC CONTRACT OR STRUCTURE.

INSTRUCTIONS

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

DATE: 03/22/95 REPORT NO.: 120

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

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

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked Forms at East I-Wall Monolith #145; cleaned, oiled, and then set same Forms at East Monolith #141. Placed Concrete at East Monolith's #143 and #148 today. Formed up, graded out soil, and poured Concrete at Stabilization Slab on East Bank from Station 113+70 to Station 113+20. Covered East Monolith #145 with wet Burlene Blanket; Laborers wet down curing I-Walls and Burlene at East Monolith's #150 and #148, and #145 throughout the day today. Operator unloaded the last of the CZ-101 Sheet Piles on the barge from CASTEEL/SKYLINE STEEL See "Materials Received" for details.

ARCADIA REBAR - Tied Re-Steel Wall Curtain in place at East Monolith #141 today. Also tied Steel at East Monolith #139. Pre-tied one more Wall Curtain on the Windrow for future placement.

GILL'S CRANE SERVICE - Worked on Koehring Crane and Vibratory Hammer preparing to drive Sheet Piling tomorrow. Moved the JSW Excavator into position behind the Crane and began moving Steel Sheet Pilings into position.

\9402\QCRPT1 PAGE 1 OF 4

#### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	2	6	
Komatsu D37P Dozer		Yes	2	6	<b></b>
Kubota 151 Excavator		No	0	8	····
Case 580 Backhoe		Yes	2	6	
Koehring 535 Crane	,	Yes	4	4	
MKT Vibro Hammer	****	No	0	8	
Kobelco LK 500 Loader	-	No	0	8	
Komatsu 200 Excavator 2		Yes	1	7	
Fiat-Allis MotorGrader	••••	Yes	1	7	
Mantis 3612 Crane		Yes	8	0	
JSW Excavator	ARR	Yes	2	6	~~

#### MATERIALS RECEIVED

Received 14 pieces of new CZ-101 Sheets 26'-3" long; 16 pieces of new CZ-101 Sheets 25'-9" long; and 10 pieces of new CZ-101 Corner pieces for tie-in to existing Sheets. These materials were stacked the the Staging Area at Prentiss Avenue on the West Bank.

Received 4 c.y. of Concrete (Mix #42) from LAFARGE for Stabilization Slab on the East Bank at Station 113+50 (approximate). Also received 36 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at East Monoliths #143 and #148.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected Stabilization Slab work done today. Thickness of the Slab was 4" to 6"; width of the Slab was approximately 2'-4" from C/L towards the Land Side, and 2'-8" from C/L towards the Canal Side. Top of the Slab was controlled by a Surveyor's Laser Level at elevation +2.00. The area was pumped dry before placing any Concrete.

Inspected curing of I-Wall Monoliths on the East Bank. Burlene covered all surfaces of the Walls being cured (East Monoliths #145, #148, and #150). Wooden brackets were used to hold the Blankets securely in place. Laborers wet down the Blankets and Walls continuously, so that the Burlene never had time to become dry.

Also Inspected the I-Wall Formwork, Re-Steel, Waterstops, etc. See LMN Form #1246 for details of these inspections.

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

DELTA TESTING - Performed Concrete Testing on Mix #44 delivered by LAFARGE CONCRETE COMPANY today.

SLUMPS =  $3 \frac{1}{4}$  and  $3 \frac{1}{2}$  AIR CONTENTS = 4.8% and 5.0%

These Cylinders were molded from the first truck today, and will be delivered to the Corps of Engineers tomorrow.

\9402\QCRPT3 PAGE 3 OF 4

#### LONTRACTOR/SUBCONTRACTORS F. D AREAS OF RESPONSIBILITY NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION Unskilled 44.5 B & K Wrecking I-Wall Forms; Setting I-8 Skilled 76 Wall Forms; Placing I-Wall Con-1 Supt. 8.5 crete; Curing I-Wall Concrete; Q.C.Rep. 1 8 Unloading new CZ-101 Sheet Piling: Placing Concrete at Stabilization Slab. (See locations on Page 1.) Skilled ARCADIA REBAR Tying I-Wall Reinforcing Steel. 2 7 (See locations on Page 1.) Skilled 1 GILL'S CRANE 8 Setting up to drive CZ-101 Sheets. Unskilled 1 8 (See Page 1 for locations.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked scaffolds & ladders at I-Wall Forms. No deficiencies were noted.

Checked the rigging on the V-5 Vibratory Hammer today. No excessive wear or defective rigging.

Checked Fire Extinguishers on the 535 Crane, the Komatsu 200, and the JSW Excavator. Fully charged Extinguishers were on board each of these machines.

#### REMARKS

(Instructions received, miscellaneous remarks)

A meeting with the ORLEANS LEVEE BOARD was held today to discuss moving the new I-Wall location over (on the West Bank between Mirabeau and Prentiss Avenue) toward the Canal Side approximately 4'.

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.

Authorized Q C Representative

Date

03/23/95

\9402\QCRPT4

PAGE 4 OF 4

INSP	ECTORS QU	ALITY SU	RANCE RI	EPORT (C	QAR)		WITH THE CAP		TO OR FILED
		(ER 415-1-					REPORT NUMBER	89	
TO Area Eng	ineer.		COPY	TO: C/0	Const. Di	V.	0.475	esday	
CELMN-CD			0011		LMN-CD	. • •		rch 1995	
PROJECT Lake		in, La. and	d Vicinity			nal,	CONTRACT NUM		
Mirabeau Av	e. to Leon	C. Simon B.	lvd., Orle	ans Par	ish, Loui	siana.	DACW29-	94-C-0079	)
CONTRACTOR (Or		K Constructions K Construction K Con		J -			WEATHER Partly	Cloudy &	Warm
		HEDULED DAY SUF					10201)	TEMPERATUR	
STRUCTURAL	BORROW	EMBANKMEN	MINIMUM	MAXIMUM					
STRUCTURAL EXCAVATION 100%	EXCAVATION	* 10	00 %	100	100	%	60°		80°
			24	HOUR PRECIP	ITATION				
	DEVELOPED ON TH NGE ORDER OR FI		AIGHT E	ON E	YES (Expla	ırı)	INCHES 0.00"	ENDING	730 M
	NUMBER OF GO	VERNMENT EMPLO	YEES					RIVER STAGE	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	<del></del> -	FEET	TIME	
1-1 hr.			1-8 hrs	2-9 hrs	3		1.50'		300 M
	CONTRACTOR'S E	MPLOYEES			NUMBER O	F SHIFTS	x⊠¹ □2	□ 3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO .	FROM	TO	FROM	TO
2-18½ hrs	10-90 hrs	8-74½ hrs	20-183	0700 <b>M</b>	1800M	M	M	м	М
CONTRACTOR/SU	entractor's Quality Const. Co.,	ND AREA OF RESI	PONSIBILITY FOR	R WORK PERF	FORMED TODA	Y	CTURAL EXCA	VATION	
h <u>Aracdia</u>	Rebar., In	c SETT	ING & TYIN	IG RESTE	EL				
c <u>Gill's</u>	<u>Crane Servi</u>	ce, Inc	STEEL SH	EET PILE	E\$				
<ul><li>a) Set for ural excav</li><li>for curing</li><li>b) Set &amp; t</li></ul>	ED TODAY (Indicat ms for East ation for I ; Unloaded ied resteel etting up K	Monos #143 -Wall; Wred sheet piles for botton	3 & #148; cked forms s on L/S s n sections	Poured of from East of East	concrete ast Mono east & w t Monos #	for East #150 and est leve 141 & #1	t Mono #145 d covered w ees.	; Resumed ith wet b	l struct- ourlene
	d reasons for same:								
	ys lost due ys lost due								Mar 95.
	gress of work, cause						1.	1	
	e work was for detail		and perfor	med by I	B&K, Gill	and Aro	cadia this	date. See	attached
					PF	RCENT P	ROJECT COME	LETE:	12.3%
DATE SET	FOR COMPLET	TION:03	APRIL 96	_			IME ELAPSEI		36.4%
	PHASES ATTENDE								
	he followin			ses this	s date:				

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STRUCTURAL EXCAVATION: No instructions issued.

SETTING & TYING RESTEEL: No instructions issued.

STEEL SHEET PILE DELIVERY: No instructions issued.

### 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: Performed Pre-Placement Inspection on East Mono #145 this date (see attached LMN Form 1246), and found OK. Checked alignment of forms for East Monos #143, #145 and #148, and found them to be in accordance with approved drawings. Checked top elev. of chamfer strips set for tops of I-Walls at above mention Monos, and found them to be set at elev. 14.40' (L/S) and 14.38' (F/S). Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (see attached LMN Form 1246 for test results). Observed the removal of forms from East Mono #150 this date, and found no broken fractured fins or honeycombs, but surfaces did have pin holes (air bubbles). Observed finishers patching tie-rod holes with dry-pack mortar on East Mono #150 this date.

STRUCTURAL EXCAVATION: Observed B&K using a Komatsu 200 Excavator to excavate for the new I-walls, between approx. EB/L Sta's 109+00 and 111+60, down to approx. bottom elev. +1.55', and approx. 3' to 3½' on each side of W/L. Excavated material was stockpiled on F/S of the excavations. Contractor continuing to excavate large amounts of concrete debris and rocks.

STEEL SHEET PILE DELIVERY: Checked heat numbers on all piles delivered this date, and found them to match those numbers on Casteel's Mill Certificates. Contractor received 48 pcs of

#### AEBINTYMRIKICZIONR IZWEN ZO IZRNIMIYE KOK ŽIVANOR YRAPRYKYTYR TYKYTYKY

CZ-101 X 20'-3" piles, 96 pcs of CZ-101 X 21'-9" piles, and 50 pcs of CZ-101 X 25'-9" piles. All piles were stored on the L/S slopes of the east levee and at the South Staging Area. REINFORCING STEEL INSTALLATION: Observed rodbusters setting and tying all required resteel for the bottom sections of East Monos #141 & #146, and the wall stem section of East Mono #148. All steel was tied at 100% and in accordance with approved shop drawings. QUALITY CONTROL: Contractor was providing adequate quality control this date.

NOTE: No Verbal Instructions were issued to Contractor this date.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Contractor was scheduled to place concrete for East Mono #148 at approx. 1300 hrs. this date. However, due a malfunction a LaFarge's Concrete Plant they were unable to deliver the concrete as requested (by 1400 hrs.). Therefore Contractor elected to put off this pour until 1030 hrs. on Wed., 22 Mar 95.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

C. WAGNER Civ. Engr., GS-11 1 hr. PE
Z. BRYANT Const. Insp., GS-07 7 hrs. QAR

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

Checked and found all heavy equipment being used this date, to have properly filled/charged fire extinguishers.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	J DAILE	OUT ETTAGOTTO MATTIALS	IDAIC.
Jane De Surant		i	1 / /
		1101	1 7/22/55
ZANE O. BRÝANT, JR.	23 MAR 95	17	1 21 2010
ZANE D. BRIA	ZJ FIAR 97		

## CONTRACT NO.: DACW29-94-C- 00

QAR #\_\_\_89

DATE: Tue. - 21 Mar 95

Description	Contract Ouantity	Estimated Ouantity	Placed Prev.	Placed Today	Placed To Date	% Comp
MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
CLEARING & GRUBBING	L.S.	L.S.	48.9%	1.3%	50.2%	50.2%
SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	1.2%	4.7%	4.7%
FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
PULL, CLEAN, SALVAGE, & DELIVER		L.S.	-0-	-0-	-0-	0.0%
REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
PILING, STEEL SHEET,	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
PILING, STEEL SHEET,	997 SF	997 SF	82.82	-0-	82.82	8.3%
PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	9.5%	0.2%	9.7%	9.7%
CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
PERMANENT RELOCATION	L.S.	L.S.	-0-	-0-	-0-	0.0%
EROSION CONTROL, FIRST	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%
	MOBILIZATION & DEMOBILIZATION  CLEARING & GRUBBING  SELECTIVE DEMOLITION  PEDESTRIAN BRIDGE DEMOLITION  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MULCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING  PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE  REDRIVE EXISTING AZ-18 STEEL SHEET PILING  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PSA-23  PAINTING  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  UTILITY MODIFICATIONS  TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES  EROSION CONTROL, FIRST 10,670 LINEAR FEET  EROSION CONTROL, ALL OVER 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS  MISCELLANEOUS METALS	MOBILIZATION & DEMOBILIZATION  CLEARING & GRUBBING  SELECTIVE DEMOLITION  L.S.  PEDESTRIAN BRIDGE DEMOLITION  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MULCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING  PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES  REDRIVE EXISTING AZ-18 STEEL  SHEET PILING  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PSA-23  PAINTING  L.S.  CONCRETE SLOPE PAVEMENT  L.S.  TEMPORARY RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  EROSION CONTROL, FIRST 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS  MISCELLANEOUS METALS  L.S.  MISCELLANEOUS METALS  L.S.	MOBILIZATION & DEMOBILIZATION  L.S.  L.S.  CLEARING & GRUBBING  L.S.  L.S.  SELECTIVE DEMOLITION  L.S.  L.S.  PEDESTRIAN BRIDGE DEMOLITION  L.S.  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MULCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILLING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES  EXERPIVE EXISTING AZ-18 STEEL  SHEET PILLING PILLING, STEEL SHEET, TYPE PZ-22 PILLING, STEEL SHEET, TYPE PZ-22 PILLING, STEEL SHEET, TYPE PSA-23  PAINTING  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  L.S.  CONCRETE SLOPE PAVEMENT  L.S.  L.S.  CONCRETE SLOPE PAVEMENT  L.S.  L.S.  L.S.  L.S.  L.S.  CONCRETE LINES  PERMANENT RELOCATION OF FEEDER LINES  PERSOSION CONTROL, FIRST 10,670 LINEAR FEET  EROSION CONTROL, ALL OVER 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS  MISCELLANEOUS METALS  L.S.  L.S.  L.S.  MISCELLANEOUS METALS  L.S.  L.S	MOBILIZATION & DEMOBILIZATION   L.S.   L.S.   61.2%	MOBILIZATION & DEMOBILIZATION   L.S.   L.S.   61.2%   -0-	NOBILIZATION & DEMOBILIZATION   L.S.   L.S.   61.2%   -0-   61.2%

	FORM CHECK OUT	FUK	STR(	URES FORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain, Canal, Mirabeau Ave	LA. and Vicinity,	London	Ave CONT	NACT NO. DACW29-94-C-0 <u>079</u>	÷ -	
MONOLITH LIF	T NO. · E	LEVATIO		DATE OF	POUR 21/95	
CH3/ # /75	INSPECTED B				BY C.O.E	•
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	1	<del>                                     </del>	<u> </u>	-11R	3-21-95	4000
VERTICAL	my	3-21-95	1	THE	5 5, 75	1030
ALIGNMENT		11	11			
<u> </u>		1	11			
CLEANLINESS		11.	11			ļ -
B. CONCRETE PILING	/N/A	11	(1	N/A	N/A	NA
ANGLE	11	11	()	"	"	"
HEADS	11	11	',	11	"	"
C. STAB. SLAB/JOINTS	In a	3-21-95	10:20	318	3-2/-95	<b>/030</b>
CLEANLINESS		11	١,,	<b>/</b>		
WATERED		17	1,	~	~	
WATERJET (JOINT)	N/A	. 17	1,	NA	N/A	N/A
D. STEEL REINFORCING	Ind	3-21-9	10:26	318	3-2/-95	1035
VERTICAL		u·	′/		-	~
HORIZONTAL	/	11	1)	_	~	~
SPACING		Ft	.17	_	1	1
CLEARANCES	~	1)	1/	/		~
STEEL SCHEDULE		1(	11	/		~
SHOP DRAWINGS .		11	11	~		~
TIE WIRES		11	11 -	~		
#6 BAR WELDED		1)	٠ţ	. /	<u></u>	
CLEANLINESS		11	. (1	~	1	
WATERED		-: <b>( (</b> )	······································	/		
FORMWORK	QmQ	3-21-95	10:25	70B	3-21-95	1040
CONDITION		11	1	V		

4		-JINSPEC	TED B	Y CONTRA	CTOR		REVIEWED BY C.O.E.					
ITEM		NAME	.e.V	DATE	TIME		NAME	DATE	TIME			
E. FORMWORK (CONT) ALIGNMENT		Jones		3-21-95	10:2	15		3-21-95	1040			
CLEANLINESS				11	11							
RELEASING AGENT				11	11		~	<u></u>	-			
TIES AND BOLTS				1,	1,		<u> </u>					
LENGTH 28.87'				11	,,				_			
WIDTH 1:75 to 1.00	1			11	11	٠.	-	<u></u>				
· HEIGHT /2.40'				11	11		<u> </u>					
WATERSTOPS				11	11		~					
CHAMFER STRIPS		/		11	1,		/					
. WEATHER PROTECTION	9	mD		3-21-99	10:2	s	3LB	3-21-95	1045			
. SAFETY (LIST)	7	Im D		3-2+95	10:2	5	ZIB.	3-2/-95				
1-Scaffolds & Ladders		1 //		11	u		<i>-</i>	<u></u>	<u> </u>			
2. Rubber Gloves		_/_		11	- 11	-		レ				
3. Jafety Glasses OTHER CHECKS PER SPECIFIC JOB		mos		3-21-95	10:25	-						
Exp. Material		NONE 7	-415	Pou	R							
. EQUIPMENT USED	NO.	TYPE	TIP	IE HOU	RS .	NO.	TYPE	TIME	HOURS			
Mantis Crane Concrete Bucket Cone. Vibrator		#3612 1/2 C.y. 18' + 12'	)/( //		1/2 1/2 1/2							
. REMARKS SLUMP = 2/2	<u>z" {</u>		AIR E	NTR. = 4/	N_ :4%		; CONCRETE	TEMPS = 84	, • ¿ 11 Pour			

FINAL CLEARANCE

CONTRACTOR REPRS:

SPECIFIC CONTRACT OR STRUCTURE.

C.O.E. REPRS:

INSTRUCTIONS

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

## QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed personnel completing
concerte placement for mono # 145. Concreta
bung wall vibrated + surveyor continuing to
wall aliament when placing concernts. Observed
carpentars setting wall forms for mone's
143 + 148. + rod bustons traing rashed for
other mow's Also observed personnel
partorning structural exemultion war STa.
110,000 All personnel sun wearing hard
hats & steel to shoes.
1 1
Instructions to COCRemarks: NONA TOWAY.
•
•
Charl Dagner Prij Engr
Name Tale

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

DATE: 03/21/95 REPORT NO.: 119

SKIES: Pt. Cloudy RAIN: 0 IN: TEMP: 60 MIN. 80 MAX.

<u>DUST</u>: Minimal <u>LEVEE CONDITION</u>: Dry <u>CANAL GAUGE</u>: (1.5)<u>NOISE</u>: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters completed forming East I-Wall Monoliths #143 and #148 today. Placed Concrete at East I-Wall Monolith #145 at 11:00 AM today. LAFARGE CONCRETE had a plant shut-down that prohibitted us from pouring Concrete in a second I-Wall Monolith today. Operator cleaned leaves and trash out of the previously excavated area, and continued Structural Excavation from East B/L Station 111+60 to Station 109+00. Wrecked East Monolith #150; cleaned, oiled, and re-set these Forms (at Monolith #148). Unloaded CZ-101 Sheet Piling on the East & West Banks today - See "Materials Received" for details.

ARCADIA REBAR - Tied Re-inforcing Steel at East I-Wall Monolith #146 and #141 (bottom Steel only). Tied Steel for East Monolith #148 in place (Wall Steel). Also pre-tied Re-Steel Wall Curtains on the Windrow to be placed later.

GILL'S CRANE SERVICE - Moved the Koehring Crane and Crane mats back to Station 112+00 to begin driving new CZ-101 Sheet Piling again tomorrow, along with the V-5 Vibratory Hammer.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY												
NO	TRADE	Hours	COMPANY	LOCATION/WORK DESCRIPTION									
7 7 1	Unskilled Skilled Supt. Q.C. Rep.	65 66.5 9 9.5	B & K " "	Setting I-Wall Forms; Placing I-Wall Concrete; Finishing I-Wall Concrete; Curing I-Wall Concrete; Structural Excavation; Unloading CZ-101 Sheets. See locations †.									
2 1 1	Skilled Skilled Unskilled	14 9.5 9.5		Tying Reinforcing Steel for I-Wall See locations above. Setting up to resume driving new CZ-101 Sheet Piling.									

PAGE 1 OF 3

\9402\QCRPT1A

#### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	5	3	
Komatsu D37P Dozer		Yes	1	7	_
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe		Yes	2	6	****
Koehring 535 Crane	<u>_</u>	Yes	4	4	
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader		No	0	8	w.
Komatsu 200 Excavator 2		Yes	6	2	~~
Fiat-Allis MotorGrader	**************************************	Yes	2	6	V
Mantis 3612 Crane	V	Yes	8	0	V2-24
JSW Excavator	ARR	No	0	8	- American

#### TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - Performed Concrete Testing on Mix #44 delivered from LAFARGE CONCRETE today. SLUMP = 2 1/2"; AIR CONTENT = 4.4%; Three Test Cylinders were molded. A second set of tests was planned - but LAFARGE'S Batch Plant shut down, and Concrete for the next pour was never received today.

#### MATERIALS RECEIVED

Received 18 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at East I-Wall Monolith #145. See "Tests Performed" for results of testing.

Received 96 pieces of new CZ-101 Sheet Piling at 21'-9" long, 48 pieces at 20'-3" long, and 50 pieces of CZ-101 at 25'-9" long today from CASTEEL/SKYLINE STEEL COMPANY. Unloaded these materials on the East Bank. (Mirabeau to Filmore) and on the West Bank at the Prentiss Avenue Staging Area.

\9402\QCRPT2A

PAGE 2 OF 3

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected the Reinforced Concrete Floodwall work done today. Elevations were checked, as well as alignment and plumbness, prior to placement. Forms need to be cleaned better next time - a small amount of residual Concrete was noted on the Canal Side Panel. Re-inforcing Steel was checked, and clearances were found to be correct at all Form Panels. LMN Form #1246 was completed as required.

Inspected the Structural Excavation work done today. A Laser Level was used to control the depth of the Excavation (elev. +1.58 was used as the bottom of the Excavation). C/L stakes were used to keep proper alignment on the Excavation. Material Excavated was placed in a Windrow along the Canal Side of the work area.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked the V-5 Vibratory Hammer for signs of excessive wear or loose parts. The jaws of the Hammer were noticeably loose, with one bolt missing. MISSISSIPPI RIVER EQUIPMENT COMPANY was called out to service and repair this Hammer before Pile Driving work resumes.

#### REMARKS

(Instructions received, miscellaneous remarks)

LAFARGE CONCRETE COMPANY experienced a problem with their Central Batch Plant today. They could not furnish the Concrete needed for East I-Wall Monolith #148 by 2:00 PM this afternoon, so the pour was cancelled until tomorrow.

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

Authorized Q C Representative

Date

03/22/95

\9402\QCRPT3A

PAGE 3 OF 3

INSP	ECTORS QU	ALI	TY SU	RAN	CE RE	PORT (	QA	R)		$\overline{}$	THE	OCF H TH	WILL E QAP	BE AT	TACHE	то от	R FILED
•	DAILY LOG	-	_		TION .	- CIVIL				l t	REPOF	RT NE	MBEF				
		(	ER 415-1-3	302)							•			88			
TO Area Fra	incor				COPY	TO: C	Col	nst. Di	17	-+	DATE		at	, Su	3 &	Mon	
Area Eng	_NO				0011			N-CD	٧.		18			20 I			
PROJECT Lake	Pontchartra	in	La and	· Vi	rinity				nal.	_	CONTE				iai c	<u>.1 1)</u>	
Mirabeau Av										ı. İ	Γ	ACT	129-	94-C	-007	9	
CONTRACTOR (Or								i, boar	Diana	<del>"</del>	WEAT	_					,
					_			448		- 1			+137	C101	1437	C. Was	rm
	1905 Highway 59, Mandeville, La. 70448  PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS									-+		Lai	LIY		ERATU		L 111
STRUCTURAL		_	EMBANKMEN		CONCR		STI	RUCTURE		-+	MINIM	1 14 4		_			
STRUCTURAL EXCAVATION 50 %	EXCAVATION						"			- 1	MINIM			M/	XIMUM		
50%	50	%		0 %	L	50 %	L	50	<u> </u>	$\rightarrow$		60		<u> </u>		30°	
HAC ANIVILING	DEVELOPED ON TH	IE \40	JOH WHICH I	<b>IKSHT</b>		k NO	_	YES (Expla		ŀ			24	HOUR		TIAIK	<u> </u>
LEAD TO A CHAI	NGE ORDER OR FI	NDING	OF FACT?	MICHIE	K	K INC	u	res (expa	,		INCH			EN	IDING	2200	
										$\dashv$		0.0			_	0730	M
	NUMBER OF GO	_				L				-				RIVE		<u>E</u>	
SUPERVISORY	OFFICE	LAY	DUT	l '	ECTION	TOTAL		LABOR			FEET		-	TI	4E		
1-2 hrs				1-8	hrs	2-10 h		L			_	_	90'			<u> 300</u>	M
	CONTRACTOR'S E						$\overline{}$	NUMBER O			<b>X</b> 1		<u> </u>		3		
SUPERVISORY	SKILLED		ORERS	TOTA		FROM	- 1	0	FROM		то			FROM		τo	
2-19 hrs	9-78½ hrs	7-	70 hrs	18-	-167½	0700	М	1730 M		М			<u> </u>				<u>M</u>
	onst. Co., Rebar, Inc	Inc	REI	NFOF	CED C	ONCRETE	FI	LOODWAL	L; S	HEE'	T PI	LE	DEL	IVER	ζ		
JII CULITU	Rebuil inc	•	11110	1(20)	DDD 1	<u> </u>		HONOLI									_
c																	
a) Unloade #143, #145 Monos #149 b) Set & t	ED TODAY (Indicated steel she and #150; & #152. ied resteel	et Pla fo	piles on ced cond r bottom	rete rete	. & M e for etion	on., 18 East Mo	& no	20 Mar #150;	95; Finis	Ins her	tall s ru	ing	ng ng	rms : surfa	for i	East of 1	East
Days of no work an	d reasons for same																
	ys lost due															Mar	ch 95.
50% of da	ys lost due	to	adverse	wea	ther/	high ti ————	des	s on 04	, 05,	09	& 2	0 1	larc	h 95	•		
•	press of work, cause nloaded ste progressive	el	sheet pi	les	on Sa	t., 18	Maı				20 M	lar	95,	B&K	and	Arc	adia
								aq.	RCENT	г ра	OJEO	СТ	COME	LETE	:	12.	2.%
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	PHASES ATTENDE																
COC INSPECTION	PHASES ATTENUE	U AN	U INSTRUCT	J 100	TEIT.	Cab	1.0	Mars-L	1005								

No CQC Inspection Phases were attended on Sat., 18 March 1995.

The following CQC Inspection Phases were attended on Mon., 20 Mar 95:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SETTING AND TYING RESTEEL: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Mon., 20 Mar 95:

REINFORCED CONCRETE FLOODWALL: Checked and found alignment of forms for East Mono #150 to be in accordance with plans. Observed placement and vibrations of concrete placed into forms for East Mono #150 this date, and found concrete receiving adequate vibrations. Checked and found that Delta Testing Rep. had performed required concrete test and molded 3 test cylinders as required (see attached LMN Form 1246 for test results). Checked and found top chamfer strips for East Mono #145 & #150 to be at elev. +14.40' (L/S) and +14.38' (F/S) as required.

SETTING & TYING RESTEEL: Checked and found that subcontractor had installed all required resteel for the bottom section of East Mono #148 and the wall stem resteel for East Monos #143 & #145. All resteel installed and spaced in accordance with approved shop drawings and were also tied at 100%.

STEEL SHEET PILE DELIVERY: Observed B&K unloading sheet piles on L/S of East levee north of Mirabeau on Mon., 20 Mar 95. Checked and found all lengths and heat numbers to match those supplied by Casteel's Mill Certificates.

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 OCR REPORT OR DISAGREEMENTS:

 $\frac{\text{NOTE}}{\text{Water}}$ : Contractor lost approx. 50% of this day's production due to clean-up of debris and water that was left in the structural excavations, due to extremely high tides during the previous week.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

 GOVERNMENT PERSONNEL ON SITE

 NAMES
 DESIGNATION
 HRS. ON SITE
 DUTIES

 C. WAGNER
 Civ. Engr., GS-11
 2 hrs. (Mon)
 PE

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

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

Noted that ladder to scaffold on concrete I-Wall Form was not secured as required. Informed CQC Rep. and he immediately had crew secure this ladder.

No other safety infractions were noted this date.

INSPECTOR'S SIGNATURE

JANE D. BRYANT JR. 22 MAR 95

DATE

SUPERVISOR'S INITIALS

3/24/98

QAR #\_\_\_\_88

Sat., Sun. & Mon.

DATE: 18, 19 & 20 Mar 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	48.9%	-0-	48.9%	48.9%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	9.2%	0.3%	9.5%	9.5%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0,-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%
		-					

	FORM CHECK OUT FOR STRU JRES REINFORCED CONCRETE FLOODWALL						
JOB Lake Pontchartrain, Canal, Mirabeau Ave	to Leon C. Simon	Blvd.	_ D.	ACW29-94-C-007	79		
MONOLITH 150 LIF	TNO. I	ELEVATION	00 to 14	1.40 DATE	OF POUR - 20-9	5	
	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.			
ITEM	NAME	DATE	TIME	NAME	DATE	TIME	
A. SHEET PILING	Smo	3-20-9	5 10:00 Am	-			
VERTICAL		10	(1				
ALIGNMENT	/	J)	11				
CLEANLINESS		1)	1,				
B. CONCRETE PILING	NIA	11	11				
ANGLE	1	11	11				
HEADS	il	11	1,				
C. STAB. SLAB/JOINTS	Jm gr	3-20-9	10:00		/		
CLEANLINESS		11	11				
WATERED		11	11	-			
WATERJET (JOINT)	N/A	11	11				
D. STEEL REINFORCING	Im I	3-20-95	10,00				
VERTICAL		11	11				
HORIZONTAL	. ✓	11	11	,			
SPACING		11	11				
CLEARANCES		11	(1				
STEEL SCHEDULE		Ft.	11		i		
SHOP DRAWINGS .		11	11				
TIE WIRES		11	и ·				
#6 BAR WELDED	~	11	11				
CLEANLINESS		1	"				
WATERED '		И	$g_{ij} = i \int_{\mathbb{R}^{n}} dt dt$				
E. FORMWORK	Jm D	3-20-95	-′ 10:∞	•	·	_	
CONDITION		110	$\sim n^{-1}$				

1	INSPECTED BY CONTRACTOR			REVIEWED BY C.O.E.		
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
E. FORMWORK (CONT)			<del> </del>		_	
ALIGNMENT	Imp	3-20-9.	10:05	1		
CLEANLINESS		11	11			
RELEASING AGENT		",	11			1
TIES AND BOLTS		11.	1,			-
LENGTH 28.84'	/	11	11			
WIDTH 1.75 to 1.06		11	11	·.		
HEIGHT /2.40'		11	11			
WATERSTOPS		11	"			
CHAMFER STRIPS	V	"	(1			
. WEATHER PROTECTION	Im g	3-20-95	10:05			
G. SAFETY (LIST)	Om Q	3-20-95		-		
1. Eye Protection	1/1	"	11			
2. Rigging Cleck		tr	7,			
3. Scaftold & Ladde OTHER CHECKS PER	<u>rs</u>		- 1,			
SPECIFIC JOB	(mg	3-20-95	10:05	-		1
Expansion Thatern		11	11			
		_				
. EQUIPMENT USED	NO. TYPE	TIME HOU	RS · N	IO. TYPE	TIME	HOURS
Mantis Crane	1 #36/2	11:00 Am 2				
Concrete Bucket		11:00 Am 2				
oncrete Vibrator		11:00 AH 2				
. REMARKS SLUMP = 2	<u>"</u> +4"; A	IR ENTR. = '	4.5%+	5.0%; CONCRETE	TEMPS = 6	9° + 7
AIR TEMPS =	= 76° + 77° ; 3	Test Cylind	ers (LA-	13)		
ONTRACTOR REPRS:	FI	NAL CLEARANC	O.E. REP			

**INSTRUCTIONS** 

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

## QUALITY ASSURANCE REPORT SUPPLEMENT

A Inspection	ns Performed & Results: Observed carpantars setting
	Strong Called Called
forms	for mon # 145. Checked concrete placemen
for	prono # 150 + found that toy charaner
Jas /	on south sile of monolith. Concrete
	placed i wall vibrated. Fidishms an
confusiv	is to rub walls & burling was.
0000 (128	for curing pusposes
<del></del>	<u></u>
	·
strūctions to	cocremates: Instructal COC rap Jurry
Justica	
Justice out	that ladder for Mono # 150 was
not	secural + must be secured poor to
not	that ladder for Mono # 150 was
not	secural + must be secured poor to
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not	secural + must be secured poor to
not	secural + must be secured poor to

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

DATE: 03/20/95 REPORT NO.: 118

SKIES: Clear - Pt. Cloudy RAIN: 0 IN: TEMP: 60 MIN. 80 MAX.

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.9)NOISE: Moderate

#### WORK PERFORMED/LOCATION

03/19/95 (Sunday) - B & K CONSTRUCTION - No work performed today.

03/20/95 (Monday) - B & K CONSTRUCTION - Cleaned up debris in the work area left behind by the high tide. Washed the Stabilization Slab off, as well as the Steel Sheet Piling and Reinforcing Steel. Set the Re-Steel Wall Curtain at East Monolith #150, then closed up the Forms and finished Bulkheads and other details. Placed Concrete at East Monolith #150 at 11:00 AM. Then set Land Side Forms at East Monoliths #145 and #143. Installed Bulkheads at East Monolith #145, and finished other details on this Form as well. Operator unloaded new CZ-101 Sheet Piling on the East Bank between Mirabeau Avenue and Filmore Avenue. Cement Finishers patching and rubbing I-Walls on the East Bank.

ARCADIA REBAR - Tied Reinforcing Wall Steel Curtains in place at East Monoliths #145 and #143. Also tied bottom Re-Steel at East Monolith #148.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY										
NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION											
7 7 1 1	Unskilled Skilled Supt. Q.C. Rep.	65 66.5 9 10	B & K "	Forming I-Wall Monoliths; Pouring Concrete I-Wall Monoliths; Unloaded new CZ-101 Steel Sheet Piling.  See "Work Performed" for location.							
2	Skilled	7	ARCADIA REBR	Tying I-Wall Reinforcing Steel. See "Work Performed" for location.							

\9402\QCRPT1A

PAGE 1 OF 3

## QUALITY CONTROL REPORT EQUIPMENT

	***************************************		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	~~~	Yes	2	6	
Komatsu D37P Dozer		Yes	1	7	
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe	·	Yes	2	6	_
Koehring 535 Crane	****	No	0	8	
MKT Vibro Hammer	V	No	0	8	· · · · · · · · · · · · · · · · · · ·
Kobelco LK 500 Loader		No	0	8	Valer
Komatsu 200 Excavator 2		Yes	6	2	
Fiat-Allis MotorGrader	grad	Yes	1.	7	
Mantis 3612 Crane	-7,5	Yes	8	2	

#### TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - Performed Concrete Tests today on Mix #44 delivered from LAFARGE CONCRETE.

SLUMPS = 2" and 4"

AIR CONTENTS = 4.5% and 5.0%. A written report of these tests is being furnished to the Government by DELTA TESTING.

#### MATERIALS RECEIVED

Received 272 pieces of new CZ-101 Steel Sheet Piling at 21'-9" long each. Unloaded these along the Land Side Slope of the Levee in stacks of seven pairs each between Mirabeau and Filmore Avenue (East Bank). Test Reports and Mill Certificates were furnished by CASTEEL and WEIRTON STEEL previously. Heat Numbers on the Piling received matched the numbers on these Reports and Q.C. Certificates.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected the "Reinforced Concrete Floodwall" work performed today. The required checklist (LMN Form #1246) was completed and signed by Jerry Justice prior to Concrete placement at East Monolith #150. The Chamfer Strip, Expansion Material, and Waterstop were properly installed. Elevation, alignment, and plumbness were found to be within allowable tolerances. Reinforcing Steel was found to be within allowable tolerances. Reinforcing Steel was found to be tied in place correctly. The top clearance was found to be uneven — one end was slightly low. The Carpenter Crew was informed that if this problem occurs again, the Concrete will not be placed until clearances are corrected. (B & K Crew had to tie Steel at this Monolith in the absence of Arcadia Rebar.)

JOB SAFETY

(Note inspection, violations/actions taken)

Checked the scaffold, ladders, and handrails at East Monolith #150 poured today. 2x12 treated scaffold boards were in good condition, and nailed down to prevent movement. Handrails, mid-rails, and toe boards were constructed out of 2x4 material. Ladder was not secured properly upon inspection. I instructed the Carpenter Crew to secure the ladder today, and every other day that a ladder is set up on the scaffold.

#### REMARKS

(Instructions received, miscellaneous remarks)

We are requesting 50% Lost Production for today due to clean up of debris and Silt in the work area. We were unable to place Concrete at I-Wall #145 (East) due to this extra clean up work.

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

Authorized Q C Representative

Date

03/21/95

\9402\QCRPT3A PAGE 3 OF 3

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

DATE: 03/18/95 REPORT NO.: 117

SKIES: Pt. Cloudy RAIN: 0 IN: TEMP: 60 MIN. 78 MAX.

<u>DUST</u>: Minimal LEVEE CONDITION: Dry <u>CANAL GAUGE</u>: 2.4 <u>NOISE</u>: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High tide in the Canal made any Floodwall work impossible today. Operator unloaded new CZ-101 Sheet Piling on the West Bank today. See "Materials Received" for details. Laborers cleaned up the Public Streets after delivery trucks left the jobsite.

No other work performed today.

1	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY								
NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION									
2 1	Unskilled Skilled	5 5	8 & K "	Unloading new CZ-101 Sheet Piling on the West Bank.					

\9402\QCRPT1A PAGE 1 OF 3

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	<b>V</b>	No	0	5	
Komatsu D37P Dozer		No	0	5	
Kubota 151 Excavator		No	0	5	
Case 580 Backhoe		No	0	5	VO.N.
Koehring 535 Crane		No	0	5	· parage
MKT Vibro Hammer	•••	No	0	5	Name .
Kobelco LK 500 Loader		No	0	5	
Komatsu 200 Excavator 2		Yes	4	1	-water
Fiat-Allis MotorGrader		Yes	1	4	- same
Mantis 3612 Crane	•••	No	0	5	••••

TESTS PERFORMED
(as required by plans/specifications)

None today.

#### MATERIALS RECEIVED

Received 58 Pieces of new CZ-101 Steel Sheet Piling from CASTEEL/ SKYLINE STEEL today at 20'-3" long. Also received 32 pieces of this same material, at 21'-9" long.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected new CZ-101 Sheet Piling delivered today. No defects in workmanship or materials were observed. Heat numbers were marked on each piece of new CZ-101 Piling, and checked against the approved Heat Numbers. The Piling received matched the Piling listed on the Test Reports by CASTEEL.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Graded the Temporary Access Road with the Motor Grader, and flagged traffic at Filmore Avenue while delivery trucks backed onto the Levee. Laborers cleaned dirt off the street after trucks left the job.

#### REMARKS

(Instructions received, miscellaneous remarks)

We are requesting 100% Lost Production today due to the high tide in the Canal. The work area was flooded, making any I-Wall construction impossible.

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

Authorized Q C Representative

03/20/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL								IE OCR WILL ITH THE QAR		ED TO OR I	FILED
	DAILY LOG			- CIVIL			REP	ORT NUMBER	-		
		(ER 415-1-	302)						87		
TO Area Eng	ineer.		COPY	TO: C/0	Const. I	Div.	DAT	E F	riday		
CELMN-CD-	-NO			CEI	MN-CD				arch 199	<b>}</b> 5	
PROJECT Lake	Pontchartra	in, La. an	d Vicinity	, Londor	n Ave. (	Canal,	CON	TRACT NUM			
Mirabeau Ave	e. to Le <u>on</u>	C. Simon B	<u>lvd., Orle</u>	ans Pari	ish, Lοι	iisiana		DACW29-	94-C-00	<i>1</i> 9	
CONTRACTOR (Or							WE	ATHER			,
	1905 Hi	ghway 59, i	mandeville	<u> Lia. 7</u>	70448		I	Partly C	loudy &	Warm	
		HEDULED DAY SUI							TEMPERAT	URE	
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMEN	.		STRUCTURE		MIN	IMUM	MAXIMU		
excavation <sub>0 %</sub>	0	)%	0 %	0 %		0 %		58°		78°	
HAC ANYTHING D	NEWEL OPER ON TH	IE WORK WHICH I	MOUT E	NO .	☐ YES (Exp	alaura)	-		HOUR PREC		
	IGE ORDER OR FIL		wigiti <u>k</u>	, 140	☐ 1E3 (EX	лант,	INC	HES	ENDING		
	NUMBER OF CO.	VERNMENT EMPLO	NEEC .					0.00"		0730	м
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEE		RINTER STA	GE	
	O		1-8 hrs	1-8 hrs			'	2.70'	_	0800	м
NUMBER OF (	CONTRACTOR'S E	MPLOYEES	I O HIB	I O MIL		OF SHIFTS			<u></u>	<del>,,,,</del>	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	ТО	FROM	TO		FROM	то	
2-13 hrs	7-19 hrs	7-39 hrs	16-71 hrs	0700 M	1530 N	• ]	м	м	Ì	м	м
B & K Co		Inc RE					EET P]	LE DELI	VERY		
which consumptions	ssive work tinue to fl of East Mon	scheduled stood the stoos #147, #stood L/S stood the stook	for this d ructural e 149 & #151	ate, due xcavatio . Also u	e to ext ons. How inloaded	remely vever, 1 1 384 pe	high B&K di cs of	canal t id conti CZ-101	ide elev nue rubl	vations oing th	ne .
100% of da 50% of da	ays lost du ays lost du ays lost du	ne to advers ne to high ne to advers	canal wate se weather	r stages conditi	on 13, ions on	14,15,	16 & 1	.7 Mar 9		1ar 95.	•
	r progressi	s for delays and ext ve work wa: alls and hi	s performe	d by B&K	this devations	· .				litions	5
DATE SET	FOR COMPLET	TION: 03	APRIL 96					ECT COMF ELAPSED		12.1 35.7	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTION	ONS GIVEN:								
A++ondod +	the followi	na COC Ina	naation Dh	agag thi	ia data						

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STEEL SHEET PILE DELIVERY: No instructions issued.

## RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES The following Follow-Up QA Inspections were performed this date: REINFORCED CONCRETE FLOODWALL: Observed finishers continuing to 'rub surfaces of East Monos #147, #149 and #151 this date. Noted that East Monos #147 & #152 were continuing to be cured with wetted burlene as required (last day of 7 days). No other work was performed this date, due to high canal water flooding structural excavations. STEEL SHEET PILE DELIVERY: Observed B&K unloading sheet piles on the L/S slope of the west levee north of Filmore Ave.. Checked and found all heat numbers on piles received this date to match those on the Mill Certificates from Casteel. B&K received 384 pcs. of CZ-101 X 20'-3" steel sheet piles this 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 OCR REPORT OR DISAGREEMENTS:

NOTE: B&K is scheduled to continue receiving and unloading steel sheet piles on Sat., 18 Mar 95. No work is scheduled for Sun., 19 Mar 95.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

7 hrs.

OAR

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel: Specify corrective action taken.) Checked and found slings being used this date to unload sheet piles were in very good conditions. Also noted that personnel handling sheet piles were wearing hard hats, leather gloves, and steel-toed boots.

No safety infractions were noted this date.

	<u> </u>		
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
ZANE D. BRYANT JR.	20 MAR 95	yw >	3/24/95
(Neverse of ENG FORM 2538-2 (CIVIL)		0 0	

QAR #\_\_\_87

**DATE:** Fri. - 17 March 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	48.9%	-0-	48.9%	48.9%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	9.2%	-0-	9.2%	9.2%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	.2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	00.0%

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

DATE: 03/17/95

REPORT NO.: 116

SKIES: Pt. Cloudy

RAIN: 0 IN: TEMP: 58 MIN. 78 MAX.

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE: 2.7 NOISE: Minimal

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High tide in the Canal flooded the work area, making any Floodwall work impossible.

Operator unloaded new CZ-101 Sheet Piling on the West Bank between Filmore Avenue and the Prentiss Avenue Pipe Crossing. See "Materials Received for more details.

Cement finishing work continued at East Monoliths #147, #149, and #151. No other work performed due to high Canal water flooding the work area.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY							
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION				
7	Unskilled	39	B & K	Unloading new Steel Sheet Piling				
7	Skilled	19	"	on the East Bank; Patching &				
1	Supt.	5	11	rubbing I-Wall Concrete; Curing				
1	Q.C. Rep.	8	11	I-Wall Concrete.				

\9402\QCRPT1A

PAGE 1 OF 3

#### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	Name of the state	No	0	8	
Komatsu D37P Dozer	water	No	0	8	
Kubota 151 Excavator	_	No	0	8	***
Case 580 Backhoe	- Annuar	No	0	8	
Koehring 535 Crane		No	0	8	~~
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader	•••	No	0	8	w-
Komatsu 200 Excavator 2	_	Yes	8	0	
Fiat-Allis MotorGrader	vev	Yes	2	6	- Nagari
Mantis 3612 Crane	Venus.	No	0	8	with an
6" Diesel Pump		Yes	3	5	

TESTS PERFORMED
(as required by plans/specifications)

None today.

#### MATERIALS RECEIVED

Received **384** pieces of new CZ-101 Steel Sheet Piling 20'-3" long from CASTEEL/SKYLINE STEEL COMPANY today. Unloaded these Piling along the Land Side Crown of the Levee between Filmore Avenue and the Prentiss Avenue Pipe Crossing.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected the new CZ-101 Steel Sheet Piling delivered to the job today. These Piling were shipped in pairs, with the Heat Numbers painted on each piece of CZ-101. Interlocks were all in good condition, and no defects were observed in the materials or workmanship. The Piling were unloaded on the West Bank between Filmore Avenue and the Pipe Crossing at Prentiss Avenue, and stacked along the Land Side edge of the Levee.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked the Temporary Access Road on the West Bank at Filmore Avenue. The road was surfaced with Crushed Limestone, and was kept smoothly graded by the Motor Grader. Any debris tracked out onto the Public Street (Filmore Avenue) was cleaned up by laborers immediately.

#### REMARKS

(Instructions received, miscellaneous remarks)

We plan to work tomorrow (Saturday) unloading new CZ-101 Sheet Piling on the West Bank. Permission was granted to do so by the Government (per Zane Bryant) this afternoon.

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

03/20/95

Authorized Q C Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSP	ECTORS QU	ALITY SU	JRANCE R	EPORT (	QAR)		WITH THE	QAR	E ATTACHED	TO OR FILED	-
		(ER 415-1-					REPORT NUM				
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CONTRACTOR (Or	hired labora D	V Constant	tvu., Orre	ealls Pal	isii, Lot	iisiana.	<del></del>	9-9	4-C-0079		_
- COMMANDION (OF	1905_Hi	ghway 59, i	landeville	e, La.			WEATHER Part1	у С.	loudy &	Mild	
		HEDULED DAY SUI							TEMPERATUR	E	
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMEN	LL CONC	RETE	STRUCTURE		MINIMUM		MAXIMUM		
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work performing No progress	ed Today (Indicates	Inc REIN	Dion of work performed this of	ONCRETE D	WORK PERFORMEN	L; SHEET	or subcontractors to	buy left	erin Table abov	ious	
contractor con't cur	r did have ing East Mo	anal water finishers on nos #147, # t piles thi	on't rubb 149, #152	oing suri	faces of	East Mo	nos #147,	#14	49 & #152	Contr.	
100% of d	ays lost du ays lost du	e to advers e to high o e to advers	anal wate	er stages	s on 13,	14,15 &	16 Mar 95				) !
Information on prog	ress of work, cause:	s for delays and exte	ent of delays, Pla	int, material, e	lc.				<del></del>		_
Only mino rainfalls work perf	r work was and due to ormed this	performed t high canal	his date . water el	by B&K,	due to s. See a	ttached ERCENT I		t fo	or detai:		
		D AND INSTRUCTION									=
		ng CQC Insp		nases thi	is date:		,				

REINFORCED CONCRETE FLOODWALL: No instructions issued.

SHEET PILE DELIVERY: No instructions issued.

<sup>\*</sup> Revised Date Set for Completion and Percent Time Elapsed, due to Mods #P00007 and #P00008 adding an additional 12 days to the contract time.

### 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 finishers continuing to rub surfaces of East Monos #147, #149 and #152 this date. Noted that East Monos #147, #149, #152 and #154 were continuing to be cured with wetted burlene when finishers were not rubbing surfaces. No other work performed this date.

SHEET PILE DELIVERY: Observed B&K unloading approx. 192 pcs of CZ-101 X 20'-3" steel sheet piles on the L/S slope of the west levee, between Filmore Ave. and Printess. Checked and found all sheet piles rec'd this date had heat numbers that matched those of the Mill Certificates supplied by Casteel. Heat Numbers and Pile Lengths were painted at two locations on each pile delivered this date.

QUALITY CONTROL: Contractor provided adequate quality control this date.

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

CQC Reps., M. Tassin and J. Justice asked QAR, Z. Bryant if is necessary for contractor to completely rub all surfaces of I-Walls to fill all pin holes and air bubbles. QAR informed Messrs. Tassin and Justice that it is the contractor's responsibility to provide surfaces adequate enough to receive cementitious paint finish as required in para. C3D-12.2.3 of the contract specs., which requires all pin holes, air bubbles, pits and surface voids to be completely filled. Therefore, B&K is responsible for taking whatever steps necessary required to provided the required surface finish. Messrs. Tassin and Justice both agreed with QAR this date.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NONE

Contractor's Quality Control Report (submitted MICHXXXIII) for this (date AXXXXXXX).

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

	GOVERNMENT PERSON	NEL ON SITE	
NAMES	DESIGNATION	HRS. ON SITE	DUTIES
C. ASHLEY	Area Engineer, GM-14	$\frac{1}{2}$ hr.	ACO
T. BERNARD	Assist. A/E, GS-13	½ hr.	Assist. A/E
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Const. Insp., GS-07	7 hrs.	QAR

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

Noted flagmen wearing orange vest and using orange flags while directing traffic, during delivery of sheet piles by trucks this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
Sanl Durant			1 1 1 1
	17 14 17 05	me A	7/22/55
JR/	17 MAR 95	1	3/22//

### CONTRACT NO.: DACW29-94-C- 0

QAR #\_\_\_\_86

**DATE:** Thu. - 16 Mar 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.23
02	CLEARING & GRUBBING	L.S.	L.S.	48.9%	-0-	48.9%	48.9%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	. 0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	9.2%	-0-	9.2%	9.2%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	15.1%	-0-	15.1%	15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.09
22	FENCING (CIN-02)	L.S.	L.S.	100.0%	-0-	100.0%	100.0%
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### QUALITY ASSURANCE REPORT SUPPLEMENT

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

DATE: 03/16/95 REPORT NO.: 115

SKIES: Pt. Cloudy RAIN: 0 IN: TEMP: 60 MIN. 76 MAX.

<u>DUST</u>: None LEVEE CONDITION: Wet <u>CANAL GAUGE</u>: 3.0 NOISE: Minimal

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - High tide in the Canal flooded the work area, making any Floodwall work impossible. Levee soil was saturated from yesterday's rain as well.

Carpenters made up extra Burlene Blankets to cover curing I-Walls, and built wooden clothespin brackets to hold Burlene in place. Laborers wet I-Wall and Burlene Blankets at East Monoliths #147, #149, #152, and #154.

Today is the 7th and last day of curing for Monoliths #149, and #154. Cement Finishers worked on patching & rubbing East Monoliths #147, #149, and #152 today.

Operators unloaded 96 pairs of new CZ-101 Steel Sheet Piling on the West Bank at Filmore Avenue working towards the Pipe Crossing at Prentiss Avenue. See "Materials Received" for more details. Laborers cleaned the street after delivery trucks left the job.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY												
NO	TRADE	TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION											
7 7 1 1	Unskilled Skilled Supt. Q.C. Rep.	52.5 49.5 8 4	8 & K " "	Cement Finishing work at East I-Wall Monoliths; Unloading newCZ-101 Sheet Piling; Curing I-Wall Concrete.									

\9402\QCRPT1A

PAGE 1 OF 3

#### QUALITY CONTROL REPORT EQUIPMENT

		I		·	······································
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	v.	No	0	8	
Komatsu D37P Dozer		Yes	1	7	
Kubota 151 Excavator		Yes	2	6	~
Case 580 Backhoe		No	0	8	****
Koehring 535 Crane		No	0	8	
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader		No	0	8	No.
Komatsu 200 Excavator 2		Yes	5	3	NAME:
Fiat-Allis MotorGrader		Yes	2	6	
Mantis 3612 Crane		Yes	2	6	4925
6" Diesel Pump		Yes	3	5	

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

#### MATERIALS RECEIVED

Received 192 pieces of new CZ-101 Steel Sheet Piling 20'-3" long from CASTEEL/SKYLINE STEEL COMPANY today. This material was unloaded on the West Bank between Filmore Avenue and Prentiss Avenue along the Land Side Slope of the Levee. Heat Numbers, Piling Type, and Lengths were painted on the side of each piece of CZ-101. Piling were delivered in pairs, and no defects were noted in workmanship or materials.

\9402\QCRPT2A PAGE 2 OF 3

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected the Finishing work being done today on the East Bank at Monoliths #161 through #149. All tie-rod holes were patched as were all honeycombs and other voids 1/2" or larger in diameter. Lines left imparted by the Forms were chipped and patched smooth. Chamfered edges were also chipped and patched as needed. Some small air holes (less than 1/2" in diameter) were left unfilled. According to the Contract Specifications (Section C3D-12.2), these small voids need not be filled. Inspector Zane Bryant pointed out that the cementitious paint finish must completely fill all pits, air bubbles, and surface voids (Section C3D-12.2.3). Whatever steps are necessary to accomplish this finished product will be up to B & K CONSTRUCTION.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked Slings, & Hooks used to unload Steel Sheet Piling. Four Way Spreaders were in good condition, as were the Sorting Hooks and Shackles used today.

Flagmen stopped traffic on Filmore Avenue while delivery trucks backed down the Levee.

REMARKS

(Instructions received, miscellaneous remarks)

Attempts to dam off a section of the Excavation and pump it dry were unsuccessful this morning.

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

Authorized Q C Representative

03/17/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSP	PECTORS QU	ALITY SI	URANCE TRUCTIO	REPORT	(QA	AR)			THE OC	HE QAR	BE ATTA	CHED	TO OR	FILED
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CELMN-CI					ELM	N-CD			15 March'1995					
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CONTRACTOR (Or	hired labor) B				nc.			W	EATHER	1				,
		ghway 59,			704	448			Clou	ıdy &	Mild	wit	h Ra	in
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS									TEMPE					
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										24	HOUR P	RECIP	TATION	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT     NO   YES (Explain)   NO   YES (Explain)   NO   NO   YES (Explain)   NO   NO   NO   NO   NO   NO   NO   N						IN	CHES		END	ING				
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2-16 hrs	5-60 hrs	7-40 hrs	14-116	0700	) M (	1600 <b>M</b>	<u> </u>	м		M		M	1	м
B & K C  b.  work perform  No progree excavation did work East Mono	ED TODAY (Indicate size work on forms for #147, #149 & #	performed ground cor I-Wall T.	prion of work put this dat nditions ie-In Co	enformed Reference, due to from prollars. C	to work	performed to igh car pus rai ractor	by pune and nal wainfall also	ter f s. Ho wette	flood weve ed do	ing : r, c: wn b	struct arpent urlene	tura ters e on	1	
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Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY ACCESS ROADS: No instructions issued.

## RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES The following Follow-Up QA Inspections were performed this date: REINFORCED CONCRETE FLOODWALL: Observed finishers continuing to rub surfaces of East Monos #147, #149 and #152. Also noted that burlene being kept on monos (when not being rubbed) were being kept wetted down and secured to each mono. Observed carpenters working on I-Wall Tie-In Forms in the North Staging Area this date for the tie-in collar at EB/L Sta. 119+03<sup>±</sup>. No work was performed this date . TEMPORARY ACCESS ROADS: Observed B&K personnel adding crushed limestone (#610) to the existing west levee surfaces, between Mirabeau Ave. and Filmore Ave. 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 OCR REPORT OR DISAGREEMENTS:

NOTE: Due to extremely high tides contractor was unable to perform any I-Wall construction this date, due to canal waters flooding the structural excavations, and was unable to perform other types of work due to very wet ground conditions from previous rainfalls.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES DESIGNATION HRS. ON SITE DUTIES
C. WAGNER Civ. Engr., GS-11 1 hr. PE

Z. BRYANT Const. Insp., GS-07 7 hrs. QAR

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

Observed finishers wearing rubber gloves, safety glasses, and hard hats this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	777 JR 16 Mar 95	you 17	3/22/98

(Heverse of ENG FORM 2538-2 (CNIL)

QAR #\_\_\_85

**DATE:** Wed. - 15 Mar 95

	evised Quantities & Percents due						
Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	*2.5%	*48.9%	48.9%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	14.1%	*1.0%	*15.1%	15.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	3.5%	*5.7%	*9.2%	*9.2%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	<sup>2</sup> 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	14.1%	*1.0%	*15.1%	*15.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
22	FENCING (CIN-02)	L.S.	L.S.	-0-	100%	100%	100%

### QUALITY ASSURANCE REPORT SUPPLEMENT

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

DATE: 03/15/95 REPORT NO.: 113

SKIES: Pt. Cloudy RAIN: 0.25 IN. TEMP.: 60 MIN 76 MAX

<u>DUST</u>: None <u>LEVEE CONDITION</u>: Wet <u>CANAL GAUGE</u>: (3.4) <u>NOISE</u>: Minimal

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for any Floodwall work today. High tide in the Canal had the work area flooded also. Carpenters worked on assembling Forms for the tie-in collar on the East Bank (Monolith #162). Also made up Expansion material with Chamfer Strips attached to fit I-Wall Monoliths. Operators and Laborers unloaded I-Wall Reinforcing Steel from LULICH STEEL for the next 12 Monoliths on the East Bank. (See "Materials Received" for details.) Also graded Temporary Access Roads and entrances, adding limestone surfacing material as needed, at Mirabeau and Filmore Avenues. Performed engine service (oil & filters) on the Mantis 3612 Crane.

Cement Finishers continued patching and repairing I-Wall Monoliths #147, #149, and #152. Laborers wet down the curing I-Wall Monoliths and Burlene Blankets (East Monoliths #147, #149, and #152, and #154).

No other work performed by B & K CONSTRUCTION or any subcontractors due to high Canal water and wet soil on the Levee.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	_	No	0	8	_
Komatsu D37P Dozer	- No		0	8	
Kubota 151 Excavator	_	No	0	8	
Case 580 Backhoe		Yes	2	6	
Koehring 535 Crane	\max	No	0	8	**************************************
MKT Vibro Hammer	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No	0	8	
Kobelco LK 500 Loader	_	Yes	3	5	-
Komatsu 200 Excavator 2	_	No	0	8	
Fiat-Allis MotorGrader		Yes	6	2	7000
Mantis 3612 Crane		Yes	1	7	Srvcd Engn

#### MATERIALS RECEIVED

Received Reinforcing Steel from LULICH STEEL today for the next 12 I-Wall Monoliths (East Bank, Station 119+02 to Station 102+67). Unloaded this material at the Pratt Drive Staging/Office Area inside the fence. Levee conditions were too wet to unload Steel there.

Bar sizes and lengths were checked against approved Shop Drawings; no discrepancies were found. The required Material Test Reports were furnished with this delivery. Copies of the reports were furnished to Inspector Zane Bryant today.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected the curing of Concrete I-Wall today. Burlene Blankets covered all surfaces of the Concrete. Laborers wet down these Blankets and the Concrete itself during the day. Burlene was never allowed to dry before being wet again.

Inspected the Reinforcing Steel delivered today by LULICH STEEL. The results of the inspection can be found under "Materials Received".

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

None performed today.

PAGE 3 OF 4

	CONTRACTOR/SUBCONTRACTORS A.D												
			AREAS OF RESP	ONSIBILITY									
NO NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION									
7	Unskilled	40	В & К	Too wet for I-Wall Construction;									
5	Skilled	60		assembling Forms for tie-in Collar									
1	Supt.	8	11	" #162; Unloading Reinforcing Steel									
1	Q.C.Rep.	8	u	for I-Wall; Patching & repairing									
				I-Wall Concrete; Curing I-Wall									
				Concrete; Grading Temporary Access									
]			•	Road.									

JOB SAFETY (Note inspection, violations/actions taken)

Checked the Kobelco 500 and the Fiat-Allis Motor Grader Reverse Alarms today. Both were found to be in good working order today.

Also checked extension cords used by Carpenter Crew today. No breaks in insulation were found; male & female connectors had proper ground plugs also.

#### REMARKS

(Instructions received, miscellaneous remarks)

We are requesting 100% Lost Production today due to high water in the Canal and wet soil on the Levee.

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.

Authorized Q C Representative

03/16/95

Date

\9402\QCRPT4

PAGE 4 OF 4

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2-8 hrs	1-4 hrs	1-4 hrs	4-1	6 hrs	0700		100 M	1	M [		u İ		M	м
Attach list of the Note: If the co	e following: (a) Maj ntractor's Quality Co	or items of equipmi ontrol Report (QCR)	enteithe contain	ridle or	working, and ormation it ne	Λ(d) n bee	lumber and of be repeat	classification	on of c	contractor	personi	nel onsite.		
CONTRACTOR/SUE	BCONTRACTORS A	NO AREA OF HESP	ONSIBIL	LITY FOR	WORK PER	HOH	MED TODA	Y						
• <u>B &amp; K C</u>	onst. Co.,	Inc No	wor	k per	formed	th	is date	. due	to.	rain a	and h	nigh car	nal v	aters.
b.														
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No work pe	erformed th	is date by	Conti	racto	rs, due	to	very	wet gr	ound	d cond	litio	ns from	pre	vious
rainfall,	and also d	ue to high	canal	l wate	er floo	din	g the	F/S st	ruct	tural	exca	vations	, be	tween
EB/L Sta's	s 111+60 an	d 119+05.												
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contractor	rs.													

RESULTS OF QA INSPECTIONS AND COMMENT PERTAINING TO CONTRA	TESTS, DEFICIENCIES OBSERVE	ED, ACTIONS TAKEN A	NO CORRECTIVE ACTION OF	CONTRACTOR INCLUDE
the existing east le	CTION: Made a visua evee between approx trated through the a	al inspection . EB/L Sta's silt fence fa	on the silt fenc 103+00 and 119+05 bric. Noted no br	ee along the L/S toe ot . Noted that no silt reaks or rips in fabric.
	date. Canal water e			e day, between 0730 hrs. at 0730 hrs. and 3.00'
			•	
VERBAL INSTRUCTIONS GIVEN TO NONE	CONTRACTOR (Include names, n	eactions and remarks)		
CONTROVERSIAL MATTERS IN DET	TAIL:			
NONE				
INFORMATION, INSTRUCTIONS OR A	ACTIONS TAKEN NOT COVERED I	IN QCR REPORT OR D	ISAGREEMENTS.	
NONE				
Contractor's Qualit	ty Control Report (s	submitted/**	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	this (date/%%%%%%%).
REMARKS. (Include visitors to proje	<u> </u>			
NAMEC	GOVERNI DESIGNATION	MENT PERSONNE	L ON SITE HRS. ON SITE	DUTIES
NAMES C. WAGNER	Civ. Engr., GS-	-11	1 hr.	PE
Z. BRYANT	Const. Insp.,		7 hrs.	QAR
CASTON ALL A				
SAFETY: (Include any intractions of Contractor held Weel topics discussed.	• • • • • • • • • • • • • • • • • • • •			
No safety infraction	ns were noted this	date.		
INSPECTOR'S SIGNATURE	AL DAT	TE T	SUPERVISOR'S INITIALS	DATE
Zane Zane	D. BRYANT JR.	15 MAR 95	<b>~</b>	3/21/95
(Hererse of ENG FORM 2538-2 (CNIL			Provide 2 of 2 on	THE THE THE THE THE THE THE THE THE THE

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QAR #\_\_\_\_84

**DATE:** Tue. - 14 March 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	ERÓSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	O-	-0-	0.0%
			-				

## QUALITY ASSURANCE REPORT SUPPLEMENT

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#### QUALITY CONTROL REPORT

#### DACW29-94-C-0079

#### LONDON AVENUE OUTFALL CANAL

B & K CONSTRUCTION JOB NO. 9402

DATE: 03/14/95

REPORT NO.: 113

SKIES: Cloudy - Rain RAIN: 0.25 IN: TEMP: 60 MIN. 76 MAX.

PAGE 1 OF 3

\9402\QCRPT1A

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed today due to wet soil, extremely high Canal water, and more rain falling. The work area was completely flooded this morning. No subcontractors were able to work today either, for the same reasons.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY									
NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION										
1	Unskilled Skilled	4	8 & K	No work performed - too wet.						
1	Supt. Q.C. Rep.	4	"							
1	W.C. Kep.	1								

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		No	0	8	
Komatsu D37P Dozer		No	0	8	
Kubota 151 Excavator		No	0	8	Many
Case 580 Backhoe		No	0	8	va-
Koehring 535 Crane		No	0	8	
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader		No	0	8	where
Komatsu 200 Excavator 2		No	0	8	
Fiat-Allis MotorGrader		No	0	8	
Mantis 3612 Crane	_	No	0	8	Number

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

#### MATERIALS RECEIVED

None received today. Could not attempt Sheet Piling deliveries due to wet soil on the Levee.

\9402\QCRPT2A

PAGE 2 OF 3

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Checked the work area before leaving today. All tools and materials were removed from the Canal Side of the Temporary Flood Protection to prevent littering in the Canal and the Lake. Also checked for possible contamination by oils or fuels. All gasoline cans 5 gallon buckets of oil, and grease were removed from the unprotected area to prevent spills.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Held the weekly Safety meeting today at 7:30 AM. Discussed the use of ladders in the work area, Crane Hand Signals and "Emergency Action Principals" tob be followed when someone is seriously injured or ill. The minutes are attached to this report.

#### REMARKS

(Instructions received, miscellaneous remarks)

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

Authorizéd Q C Representative

03/15/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

#### B & K CONSTRUCTION MINUTES OF SAFETY MEETING

DATE: 03/14/95 TIME: 7:30 AM

PROJECT: DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

LONDON AVENUE FLOODWALL

MEETING CONDUCTED BY: JERRY JUSTICE

PERSONS ATTENDING: SEE ATTACHED

TOPICS DISCUSSED: PLACEMENT AND USE OF LADDERS ON THE JOBSITE.

A new extension ladder was purchased yesterday for use at the I-Wall scaffold platforms. Employees were instructed to secure the ladders at the top to prevent movement, and to make sure the bottom of the ladder is on stable ground. A ladder must be used at each Form, and at Cement Finishers work scaffolds. A rope should also be tied to each set of Forms for raising and lowering tools and materials. No tools or materials should ever be thrown up to or down from a scaffold.

Also discussed Crane Hand Signals to be used by Flagmen working with the Mantis Crane. Reviewed the Chart found in the U.S. Army Corps of Engineers Safety Manual. Instructed the workers to have only one Flagman giving hand signals, and for other workers to stay clear of the operators line of sight to the Flagman & the load.

The last topic of discussion concerned movement of an injured employee. An injured person should never be moved by unqualified persons unless the victim is in danger of being injured or harmed further in that location. You should send someone for help (Call 911) and stay with the victim to give aid or monitor his/her condition.

#### **COMMENTS:**

The Mantis Crane operator asked for a Crane Hand Signal Chart to be posted on the side of his Crane. Jerry Justice told the workers to always check the rigging and lifting brackets on Steel I-Wall Form lifts after hooking up the Crane, and before beginning the lift.

REPRESENTATIVE

**B & K CONSTRUCTION** 

### MINUTES OF SAFETY MEETING

DATE:	TIME:
PROJECT:	
MEETING CONDUCTED BY:_	
PERSONS ATTENDING:  John Mile Mile Mile Mile Survey  TOPICS DISCUSSED:	on Soffengrand Reging Dyfandurt Bryon Ferdun.
<del>negari</del> in (ne 1 <del>101 decembre (1111 </del>	
na na na na na na na na na na na na na n	
COMMENTS:	
	Mala
	CONTRACTOR'S SUPERINTENDENT

INSP	ECTORS QU	ALITY SU	RANCE RE	EPORT (	QAR)		THE OCR W	AR	ATTACHED	TO OR FIL	.ED
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3-47 hrs	7-121 hrs	10-103 hrs	19-271	0700		М		м	M	"	м
Attach list of th Note: If the co	e following: (a) Ma intractor's Quality Co	or items of equipme ontrol Report (QCR)	ant either idle or i contains the info	working, and ormation it ne	(b) Number and o	classification ed.	of contractor per	sonnel	onsite.		
• <u>B&amp;KC</u>	onst. Co., Crane Servi	Inc REI	NFORCED C	ONCRETE	FLOODWAL	L; STEEI	SHEET PI	LE	DELIVER	<u>Y</u>	- -
work PERFORM  a) Wrecked wetted burl East Monos and 113+82; b) Cut-off	ene; Set fo #147, #149 Unloaded 5 existing sh	East Monos rms for Eas & #152; Wel 98 pcs of C	#147, #14 st Monos # ded #6 re ZZ-101 X 2	9 & #152 143, #14 bar to 9 1'-9" s	2; Cured 1 45 & #150 tops of sl teel shee	East Mor (F/S or heet pil t piles	nos #147, nly); Rubb les betwee on west l	#14 ing n E eve	9 & #15 & patc B/L Sta e L/S s	2 with hing o 's 111 lope.	n +89
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Progressiv work was s stages flo	press of work, cause: e work was cheduled by oding the s FOR COMPLET	scheduled a B&K on Mon tructural e	and performan, 13 Mar	med on S 95, but	Sat., 11 l t could no attached ( PE	ot be pe CQC Repo RCENT P	erformed d	ue eta IPLE	to high ils. TE:		
						MOENT I.	TIE BLAFO			37.0%	
	PHASES ATTENDE pection Pha			Sat.,	11 Mar 95	, due to	no QAR c	n s	ite.		

The following CQC Inspection Phases were attended on Mon., 13 Mar 95:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

STEEL SHEET PILE DELIVERY: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Mon., 13 Mar 95:

REINFORCED CONCRETE FLOODWALL: Checked East Monos #147, #149 & #152, and found no broken fractured fins, no honeycombs, and few air bubbles. Noted finishers con't to rub surfaces of East Monos #147, #149 & #152 this date. Checked and found #6 rebars tack welded to the tops of all sheet piles, between EB/L Sta's 111+89 and 113+82 for cathodic protection.

STEEL SHEET PILE DELIVERY: Observed contractor unloading steel sheet piles on L/S slope of the west levee between Filmore Ave. and Mirabeau Ave. this date. Checked and found all heat numbers on sheet piles deilvered on 11 & 13 Mar 95, to match those numbers on Mill Certificates from Casteel. Contractor received 598 pcs of CZ-101 X 21'-9" sheet piles this period. TEMPORARY FLOOD PROTECTION: Temporary flood protection is being provided between EB/L Sta's 103+00 and 119+05, by subcontractor cutting off the existing RZ-10 sheet piles at approx. elev. +6.75' as required.

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

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:

 $\overline{\text{NOTE}}$ : Due to extremely high canal tides, the structural excavations on the east side of the canal were flooded and contractor was unable to pump water out of the excavations, due to water seeping into excavations as fast as he could pump it out. Therefore, contractor could not perform any productive work on Mon., 13 Mar 95.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

7 hrs. (Mon)

QAR

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

On Mon., 13 Mar 95, noted that all personnel were wearing hard hats and protective footwear as required.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

ZANE DE BRYANT JR. 14 Mar 95

SUPERVISOR'S INITIALS

3/2d95

(Heverse of ENG FORM 2538-2 (CIVIL)

QAR #\_\_\_\_83\_\_\_\_

Sat., Sun. & Mon.

DATE: 11, 12 & 13 March 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04 .	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.09
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.09
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.09
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.09
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	14.1%	-0-	14.1%	14.19
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.09

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

DATE: 03/13/95

REPORT NO.: 112

SKIES: Cloudy & Windy RAIN: 2.50 IN. TEMP.: 62 MIN 79 MAX

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

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Canal water flooded the work area, making I-Wall work impossible today. Carpenters installed Expansion material on finished I-Wall Monoliths in preparation for pouring Concrete at East Monoliths #150 and #148. Installed Bulkheads on Forms to be poured next. Used sandbags and earthen dams to seal off work area amd attempted to pump it out, due to large amounts of buried rip-rap. Repaired broken water line at the Staging Area and Office trailers.

Unloaded new CZ-101 Sheet Piling on the West Bank between Mirabeau and Filmore Avenue. (290 pieces, 21'-9" long) No other work performed today.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

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ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
	Yes	2	6	····
	Yes	2	6	_
	Yes	2	6	
Name (	Yes	2	6	***
-	No	0	8	***
- Vaccor	No	0	8	
Name of the State	No	0	8	
····	Yes	8	0	
	Yes	2	6	
	Yes	4	4	4,5
	ARR/DEP	Yes Yes Yes Yes No No No Yes Yes Yes	- Yes 2 - Yes 2 - Yes 2 - Yes 2 - No 0 - No 0 - No 0 - Yes 8 - Yes 2	- Yes 2 6 - Yes 2 6 - Yes 2 6 - Yes 2 6 - No 0 8 - No 0 8 - No 0 8 - Yes 8 0 - Yes 2 6

#### MATERIALS RECEIVED

Received 290 pieces (145 pairs) of new CZ-101 Steel Sheet Piling at 21'-9" long each. These were unloaded on the West Bank between Mirabeau and Filmore Avenue along the Land Side Slope of the Levee. Heat Numbers were painted on the sides of each Piling. No defects were noted in materials or workmanship.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected the Temporary Flood Protection in place today. The existing Sheet Piling have been cut off at elevation +6.75 on the East Bank from Station 119+05 to Station 113+00. No gaps or breaks were noted except at the tie-in point (Station 110+05 to Station 119+02), where sandbags were used to close this gap. Approximate gap opening today = 1200'.

Also inspected curing of I-Wall Monoliths. Burlene Blankets were used to cover East Monoliths #152, #154, #147, and #149. Laborers sprayed water on these Walls and the blankets today to keep them wet during the Curing period.

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

No Tests performed today.

\9402\QCRPT3 PAGE 3 OF 4

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY												
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION									
9	Unskilled	70	8 & K	Working on I-Wall Forms; Dewatering									
6	Skilled	58	ıı ı	the work area; Unloading new CZ-101									
2	Supt.	18	11	Sheet Piling; Repairing broken									
1	Q.C.Rep.	8	11	water line.									

JOB SAFETY

(Note inspection, violations/actions taken)

Checked the ladders at the work area. One ladder was found to have a broken foot. A new ladder was purchased today, and the old ladder will be repaired or discarded.

REMARKS

(Instructions received, miscellaneous remarks)

We are asking for a 100% Lost Time day today due to high water in the Canal that flooded the work area.

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.

Authorized Q C Representative

03/14/95

Date

\9402\QCRPT4

PAGE 4 OF 4

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

DATE: 03/11/95

REPORT NO.: 111

SKIES: Clear

RAIN: 0 IN. TEMP.: 60 MIN 78 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (1.7) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked I-Wall East monoliths #152, #149, and #147 today. Covered these Monoliths with wet Burlene, and wet the Concrete Walls and Burlene throughout the day. Set Canal Side Forms at East Monoliths #150, #145, and #143 after cleaning and oiling them first. Cement Finishers patching & rubbing I-Wall Monoliths #152, #149, and #147 today. Welded #6 Rebar for Cathodic Protection on the East Bank from Station 113+82 to Station 111+89. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank between Mirabeau Avenue and Filmore Avenue. See "Materials Received" for more details. Strung out Re-Steel on the Windrow for the next 6 I-Wall Monoliths.

GILL'S CRANE SERVICE - Cut off existing Sheet Piling on the East Bank from Station 103+75 to Station 103+00 at elevation 4 6.75 for Temporary Flood Protection. Hauled off cut-off pieces in a dump trailer to be disposed of. Still have cut off pieces left to be removed here between Station 103+00 and Station 107+00.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	<b></b>	Yes	2	6	Yes
Komatsu D37P Dozer		Yes	2	6	
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe		Yes	2	6	
Koehring 535 Crane		Yes	4	4	
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader		Yes	2	6	
Komatsu 200 Excavator 2		Yes	6	2	****
Fiat-Allis MotorGrader		Yes	2	6	****
Mantis 3612 Crane	~~	Yes	8	0	***

#### MATERIALS RECEIVED

Received 308 pieces of new CZ-101 Steel Sheet Piling at 21'9" long each, from CASTEEL/SKYLINE STEEL today. Unloaded this material along the Land Side Slope of the Levee between Mirabeau and Filmore Avenues. Inspection of these Piling revealed no defects in materials or workmanship. Piling were delivered in pairs, with Heat Numbers painted on the side of each piece.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected the I-Wall Monoliths wrecked today on the East Bank (#152, #149, and #147). No large honeycombs or voids were observed. Finish on the Canal Side showed joint lines where plywood panels butt together. These lines are being repaired by Cement Finishers. These Forms were not wrecked until the required 18 hours had passed since completing placement yesterday.

Inspected curing of I-Wall Monoliths #152, #154, #147, and #149. Burlene Blankets covered all surfaces of the curing I-Walls. Water was sprayed on Blankets and Concrete Walls four times today. Blankets never were allowed to dry.

Inspected cleaning and oiling of I-Wall Forms. Residual Concrete was scraped off, then brooms and brushes were used to sweep off the remainder of the debris. Form oils were applied with pressure type sprayers. Approved Fractured Fin oil, and plywood oil were kept in separate sprayers and applied accordingly.

TESTS PERFORMED

(As required by plans/specifications)

None performed today.

PAGE 3 OF 4

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY												
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION									
3 6 1	Unskilled Skilled Supt.	28 58 11	B & K	Wrecking & setting I-Wall Forms; Curing I-Wall Concrete; Unloading new CZ-101 Sheet Piling.									
1	Q.C.Rep.	10	п	new cz-ioi sneet Piling.									
1 1	Skilled Unskilled	5 5	GILL'S CRANE "	Cutting off existing Sheets for Temporary Flood Protection; Removing cut off pieces from the job site. (See Page 1 for location.)									

JOB SAFETY (Note inspection, violations/actions taken)

Checked the street and bridge over London Avenue Canal for dirt & debris. Used shovels to clean mud off the bridge and Robert E. Lee Blvd. The roadway was cleaned after delivery trucks and equipment had departed.

REMARKS

(Instructions received, miscellaneous remarks)

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

Authorized Q C Representative Date

\9402\QCRPT4 PAGE 4 OF 4

INSP	ECTORS QU	ALITY SSL	JRANCE RI	EPORT (	(QAR)		THE OCR WILL WITH THE GAR		0 TO OR F	FILED
•	DAIL! LOG	(ER 415-1-		CIVIL			REPORT NUMBER	-		
TO Area End			CODY	TO - C	/Committee Di	·	DATE E.	82		
mea mie			COPY		/Const. Di	LV.	F.	riday		
CELMN-CI	Dont chantur	in To	d Winimite		ELMN-CD		CONTRACT NUME	arch 1995	<u> </u>	
	Pontchartra							<del>жн</del> 94-с-007 <sup>,</sup>	0	
CONTRACTOR (O	e. to Leon	C. SIMON B	iva., Orie	ans Par	risn, Loui	islana.		94-0-007	<del></del>	
CONTINUE TON (OF	hired labor) B &						WEATHER			
		ghway 59,			70446		Clean			
CTDI ICTUDAL	BORROW	HEDULED DAY SUI			L OTTO LOT LOT			TEMPERATU	RE	
STRUCTURAL EXCAVATION	EXCAVATION				STRUCTURE		MINIMUM	MAXIMUM		
100 %	100	<u>* 10</u>	00 %	100 %	100	*	46°		68°	
LIAC ANDTHING	DEVELOPED ON TH	E WORK MAKON I	MOUT 5	3 440	<b>5</b> 150 5 1		24	HOUR PRECI	MOITATE	
	DEVELOPED ON TH NGE ORDER OR FII		MIGHI 1	3k NO	YES (Expla	MF1)	INCHES	ENDING		
							0.00"	(	730	
	NUMBER OF GOV	VERNMENT EMPLO	YEES				· Canal	RIVER STAG	E	
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	TIME		
			1-10 hrs	1-10 h	rs		1.60'		0800	
NUMBER OF	CONTRACTOR'S E	MPLOYEES			NUMBER C	F SHIFTS	図1 口2	□ 3		
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	то	FROM	то	FROM	то	
2-20 hrs	9-90 hrs	7-74 hrs	<u> 18-184</u>	0700	M 1800 M	M	M	<u> </u>		M
a <u>B &amp; K C</u>	BCONTRACTORS A Const. Co., Rebar, Inc	Inc RE	NFORCED C	ONCRETE	FLOODWAL		r pile deliv	VERY		
work PERFORM a) Set for #147 & #15	Crane Servi  ED TODAY (Indicate ms, bulkhea) 2; Poured & d burlene;	ds, waterst	ption of work perfo cops, cham concrete f	rmed Refer fer str or East	o work performed to rips, and Monos #1	expansion #1!	on material 52; Cured Ea	for East ast Mono	Mono	s
	ied bottom		-			_			Mono	#152
	cut-off se			-	_			LOI East	MOHO	<b>17 Ι J Δ</b>
		Ctions of e	xisting s	neet pr	Tes IIOm	east le	vee.			
100% of da	ys lost due ys lost due ys lost due									
Progressiv	gress of work, causes e work was for detail	scheduled a				and Arc	cadia this o	late. See	e atta	ched
					pı	ERCENT P	ROJECT COMP	LETE:	9.9%	
DATE SET	FOR COMPLET	TION: 22	MAR 96				IME ELAPSED		35.3%	
	PHASES ATTENDE				1					
Attended t	he followin	g CQC Inspe	ection Pha	ses thi	s date:					

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CUTTING OFF EXISTING SHEET PILES: No instructions issued.

SETTING & TYING RESTEEL: No instructions issued.

SHEET PILE DELIVERY: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Observed removal of forms from East Mono #154, no honeycombs or broken fractured fins noted. Observed setting and aligning of forms for East Monos #147 & #152, found to be in accordance with plans; Performed Pre-Placement Inspection on East Monos #147 and #152 prior to concrete placement (see attached LMN Forms 1246). Oberved placement & vibrations of concrete placed for East Monos #147 & #152, concrete receiving adequate vibrations. Witnessed Delta Testing Rep. performing required concrete test and making 3 test cylinders (see back of LMN Forms 1246 for test results). Noted that Mono #154 was being cured with wetted burlene this date. Checked and found top chamfer strips set at +14.40'(P/S) and +14.38' (F/S) as required. East Mono #149 was also covered with wetted burlene.

STEEL SHEET PILE DELIVERY: Noted that B&K unloaded 270 pcs of CZ-101 X 21'-9" steel sheet piles this date along the L/S of the existing west levee between Filmore & R. E. Lee. Checked and found all heat #'s to match mill certificates.

CUTTING OFF EXISTING SHEET PILES: Observed Gill removing cut-off sections of sheet piles from jobsite this date.

<u>SETTING & TYING RESTEEL: Observed Arcadia setting & tying resteel for bottom section of East</u> 

Mono #143 and top wall stem section of East Mono #152. All resteel set in accordance with approved shop drawing, and tied at 100%.

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

NOTE: No Verbal Instructions were given (issued) to Contractor this date.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

NOTE: Contractor was given permission by Mr. T. L. Bernard of NOAO at approx. 1030 hrs. this date, to work on Sat., 11 Mar 95 between the hours of 0730 hrs. and 1800 hrs., for removing and setting concrete forms, and unloading steel sheet piles. However, no concrete placement or driving of sheet piles would be permitted.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

9 hrs.

QAR

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Checked and found that the Anti-Two Block Device was working properly on the Mantis 3612 Crane this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S INITIALS

13 MAR 95

3/14/98

(Heverse of ENG FORM 2538-2 (CIVIL)

age 2 of 2 pages

QAR # 82

DATE: Fri. - 10 Mar 95

Description	Contract Ouantity	Estimated Ouantity	Placed Prev.	Placed Today	Placed To Date	% Comp
MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
PULL, CLEAN, SALVAGE, & DELIVER		L.S.	-0-	-0-	-0-	0.0%
REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.9%	0.6%	3.5%	3.5%
CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	-2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
	MOBILIZATION & DEMOBILIZATION  CLEARING & GRUBBING  SELECTIVE DEMOLITION  PEDESTRIAN BRIDGE DEMOLITION  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MULCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING  PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE  REDRIVE EXISTING AZ-18 STEEL  SHEET PILING  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PSA-23  PAINTING  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  UTILITY MODIFICATIONS  TEMPORARY RELOCATION OF FEEDER LINES PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  EROSION CONTROL, FIRST 10,670 LINEAR FEET  EROSION CONTROL, ALL OVER 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS	MOBILIZATION & DEMOBILIZATION  CLEARING & GRUBBING  SELECTIVE DEMOLITION  L.S.  PEDESTRIAN BRIDGE DEMOLITION  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MULCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES  REDRIVE EXISTING AZ-18 STEEL SHEET PILING  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PSA-23  PAINTING  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  L.S.  CONCRETE SLOPE PAVEMENT  L.S.  TEMPORARY RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  EROSION CONTROL, FIRST 10,670 LINEAR FEET  EROSION CONTROL, ALL OVER 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS	MOBILIZATION & DEMOBILIZATION  L.S.  L.S.  CLEARING & GRUBBING  L.S.  L.S.  SELECTIVE DEMOLITION  L.S.  L.S.  PEDESTRIAN BRIDGE DEMOLITION  L.S.  EMBANKMENT, SEMICOMPACTED FILL  ENS.  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MILCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING  PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILIS  REDRIVE EXISTING AZ-18 STEEL  SHEET PILING  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PSA-23  PAINTING  L.S.  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  188 SY  UTILITY MODIFICATIONS  L.S.  L.S.  TEMPORARY RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMSION CONTROL, FIRST 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS  L.S.   MOBILIZATION & DEMOBILIZATION   L.S.   L.S.   61.2%	MOBILIZATION & DEMOBILIZATION   L.S.   L.S.   61.2%   -0-	Description         Quantity         Quantity         Prev.         Today         To Date           MOBILIZATION & DEMOBILIZATION         L.S.         L.S.         61.2%         -0-         61.2%           CLEARING & GRUBBING         L.S.         L.S.         46.4%         -0-         46.4%           SELECTIVE DEMOLITION         L.S.         L.S.         L.S.         -0-         -0-         -0-           PEDESTRIAN BRIDGE DEMOLITION         L.S.         L.S.         L.S.         15.0%         -0-         -0-         -0-           EMBANKMENT, SEMICOMPACTED FILL         L.S.         L.S.         L.S.         -0-         -0-         -0-         -0-           STRUCTURAL EXCAVATION         L.S.         L.S.         L.S.         3.5%         -0-         -0-         -0-           STRUCTURAL EXCAVATION         L.S.         L.S.         L.S.         3.5%         -0-	

·	FORM CHECK OUT	FOR	STR. REINF	TURES FORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain,	LA. and Vicinity,	London	Ave CONT	RACT NO. DACW29-94-C-0 <u>079</u>		
Canal, Mirabeau Ave. MONOLITH LIFT East # 147	NO. IE	LEVA! 10		DATE OF	POUR 0 ~ 95	
	INSPECTED B				BY C.O.E	•
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Imputo	3-10-95	12:55	30B	3-10-95	1300
VERTICAL		11	1,			4
ALIGNMENT	/	11	11			-
CLEANLINESS	/	Ch.	11	~		
B. CONCRETE PILING	NJA	"	11	N/A	N/A	NA
ANGLE	N/A	"	- 11	И	1/	"
HEADS	N/A	1,	\(\lambda_i\)	,,	11	N
C. STAB. SLAB/JOINTS	In Quetos	3-10-95	12:55	7.NB	3-0-95	1300
CLEANLINESS		()	11		L	
WATERED		11	11			~
WATERJET (JOINT)	N/A	11	L <sub>1</sub>	NA	NA	N/A
D. STEEL REINFORCING	Imfustica	3-10-95	12:55	3(B	3-10-95	1305
VERTICAL		11	11		~	
HORIZONTAL		H	11	~		~
SPACING		11	11	V	V.	~
CLEARANCES		11	- (1	V		_
STEEL SCHEDULE		11	- ((	V	·U	/
SHOP DRAWINGS .		11	11	~	~	~
TIE WIRES		L1	4.	V	~	~
#6 BAR WELDED		1/	t į	. ~	~	
CLEANLINESS		٠ ,	, ti		: ,	
WATERED '		ij	11	//2		
E. FORMWORK	Im Justice	3-10-95	1:00 Pm	303	3-10-95	1305
CONDITION		(,	73	1 / 11		

<u> </u>		_^							<b>`</b>		
and the		··· INSPEC	TED B	Y CO	NTRA	CTOR			ŔEVIEWED	BY C.O.E	
ITEM		NAME	4.7	DAT	TE.	TIME		N	AME	DATE	TIME
E. FORMWORK (CONT)  ALIGNMENT		Im Just	<b>&gt;</b>	3-11	0 - 95	1:0	OPM		30B	3-10-95	1310
CLEANLINESS				"		11				<u></u>	-
RELEASING AGENT		/		',		11			/		L
TIES AND BOLTS				1,			1,		/	V.	-
LENGTH		/		1,		(1		_	~		
WIDTH		/				ι,		٠.	N	-	
HEIGHT		/				· ti			~		
WATERSTOPS				11		ti			<u></u>		
CHAMFER STRIPS				i,		١,	.,		/	レ	
F. WEATHER PROTECTION	()	m Justice	>	3-10	-95	1:05	Pm	308		3-10-95	/3/0
G. SAFETY (LIST)	Ő	m Orote	<del>ت</del>	3-10-	-95	1:05	Pm	3N3		3-10-95	13.10
1. Eye Protection	7		-	11		11		000		<u></u>	1
2. Kigging Check				in		- 11			- L	<u></u>	١
3. Scaffold + Ladder				1,		- 11	_		~		
H. SPECIFIC JOB	0	monto	<del>5</del>	3-10-	95	1.05	Pm		7B	3-10-95	1310
Expansion Material	Non	IE THIS I	Pon R	,,					0 -		
I. EQUIPMENT USED	NO.	TYPE	MIT	IE .	HOUF	RS .	N(	0.	TYPE	TIME	HOURS
Mantis Crank	1	3612	131		Z,	75			_		
Concrete Bucket	/	1 c.y, 18' and 12'	131	5		75					
Concrete Vibrator	2	18' and 12'	/3/:	5	1.	75					
J. REMARKS SLUMP = 4	<i>j"</i>	;	AIR E	NTR.	= -	5.2 %		{ ;	CONCRETE	TEMPS =	'z <b>*</b> ;
AIR TEMPS		o• <u>;</u>	3 Tes				LA-	<u>/2</u> )	_		
		F	INAL	CLEA	KANC	E			, ,	1	

CONTRACTOR REPRS: Justice

C.O.E. REPRS:

INSTRUCTIONS

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

	FORM CHECK OUT		STR XX REINF	TURES ORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain,					ż	
	T NO.	LEVATION	N	DATE OF	POUR	
East # [52	ONE :		oo to +	REVIEWED	0 - 95 RY C O F	
		T	1		<del></del>	т —
ITEM	NAME	DATE	TIME	NAME,	DATE	TIME
A. SHEET PILING	Impotise	3-10-95	2:40 PV		3-10-95	1445
VERTICAL		11	1,		-	-
ALIGNMENT		<b>†</b> ;	11	-	_	-
CLEANLINESS	/	\$ 11 2	fı	~	-	
B. CONCRETE PILING	N/A	(i	11	N/A	N/A	NA
ANGLE	N/A	11	1)	11	11	"
HEADS	N/A	t <sub>f</sub>	١,	, 1	"	4
C. STAB. SLAB/JOINTS	In Justie	3-10-95	2:40 Pm	303	3-10-95	1450
CLEANLINESS		11	1,	303	-	
WATERED		1,	t į	, , , , ,	<u></u>	_
WATERJET (JOINT)	N/A	11	11	N/A	NA	N/A
D. STEEL REINFORCING	Im Justie	3-10-95	2:40 Pm	3AB	3-10-8	1450
VERTICAL		11	14		-	-
HORIZONTAL		l j'	11			V
SPACING		11	t l		/	
CLEARANCES		b	1)			\
STEEL SCHEDULE		11	11			/
SHOP DRAWINGS .		[1]	(1			
TIE WIRES	V	11	(1.			/
#6 BAR WELDED	1	11	[1			V
CLEANLINESS		. 11	(1	V		V
WATERED "		11	~ (q	~		
. FORMWORK	Im Justis	3-10-95	2:40 Pm	348	3-10-95	1455
CONDITION		11	. <b>L</b> p 3.5	· · · · · ·	. ,	

·					-						
4		··INSPEC	TED BY	Y COI	NTRA	CTOR			ŔEVIEWED	BY C.O.E	•
ITEM		NAME		DA	TE	TIME		N.A	ME	DATE	TIME
E. FORMWORK (CONT)	<del>                                     </del>	,		1			$\neg$		·		
ALIGNMENT	1	n Juston	-	3-11	0-95	2:4	15 An	1	ZUB	3-10-95	1455
CLEANLINESS	V				4	-				-	_
RELEASING AGENT		/		ľ	u u				<u> </u>		<u></u>
TIES AND BOLTS					1) 11				~	レ·	_
LENGTH						11			~	_ L	
WIDTH		/	',		11			ν	-	_	
HEIGHT					)	11	1)		~		~
WATERSTOPS						11					_
CHAMFER STRIPS					ı	()				<u></u>	<u></u>
F. WEATHER PROTECTION	In	Justin	>	3-10	-95	2:45	PM		348	3-10-95	1500
S. SAFETY (LIST)	, D	2 Justie	i	3-10	-95	2:45	PH		318	340-95	1500
1. Eye Protection				- 11		11					
2. Rigging Check 3. Scaffold + Ladder		<del></del>				- '1				<u></u>	
OTHER CHECKS PER  SPECIFIC JOB		m Juste	20			2:45 F	m		=1R	3-10-95	1500
Expansion Material	<b></b> /			71			$\dashv$		140	-	7 5
. EQUIPMENT USED	NO.	TYPE	TIM	E	HOUR	RS ·	NO		TYPE	TIME	HOURS
Mantis Crone		# 3612	/5	20	. 2	?					
Concrete Bucket		1 c.y.	,1		12						
Concrete Vibrators	2	18' and 12'	11			?					
J. REMARKS SLUMP = 4/2"; AIR ENTR. = 5.0%; CONCRETE TEMPS = 62°;											
AIR TEMPS = 60°; 3 Test Cylinders (LA-/2)											
			INAL		RANC	E					
ONTRACTOR REPRS:	ine				C.	0.E.	REPR	S:<	ent of	word	7
. //			THETO	HATT	ANIC			71		, , , ,	

INSTRUCTIONS

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

DATE: 03/10/95 REPORT NO.: 110

SKIES: Clear RAIN: 0 IN. TEMP.: 46 MIN 68 MAX

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

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked I-Wall Forms at East Monolith #154 at 10:00 AM. Cleaned, oiled, and set these Forms at East Monolith #152. Set Land Side Form at East Monolith #147, then plumbed, aligned, and finished details on this Monolith. Placed Concrete at East Monoliths #147 and #152 at 1:45 PM and 4:15 PM respectively. Monolith #147 = East B/L Station 114+69.27 to Station 114+98.14; Monolith #152 = East B/L Station 116+13.62 to Station 116+42.49; top of both Walls = elevation + 14.40.

Laborers covered East Monolith #154 with Burlene, and wet down Walls and Burlene throughout the day. East Monolith #149 was partially wrecked (Forms were opened to break the bond between Concrete and Form Liner), then Burlene was placed over the exposed Concrete and kept wet all day. Also covered East Monoliths #147 and #152 with a strip of wet Burlene after Concrete placement was completed. Cleaned dirt off of streets at the day's end.

Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank between Mirabeau and Filmore Avenue (270 pieces, 21'-9" long). Also unloaded Reinforcing Steel for the next 6 I-Wall Monoliths on the East Bank (Robert E. Lee to Pumping Station #4). Graded haul roads after delivery trucks left the job.

ARCADIA REBAR - Tied bottom Reinforcing Steel at East Monoliths #143 and #150. Tied top Re-Steel at East Monolith #152. Also tied one Re-Steel Wall Curtain on the Levee for future placement.

GILL'S CRANE SERVICE - Removed cut off Sheet Piling on the East Bank that were cut on 03/07/95, and loaded these into a haul trailer and disposed of them. Also loaded one more trailer with scrap Sheets cut previously and hauled these off the job as well. Still more scrap Sheets left to be removed here on the East Bank between Station 110+00 and 105+00.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

		·····	***************************************		***************************************
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	2	6	Yes
Komatsu D37P Dozer		Yes	2	6	wan.
Kubota 151 Excavator	NOW	No	0	8	400
Case 580 Backhoe		Yes	2	6	v=-
Koehring 535 Crane		Yes	5	3	- control
MKT Vibro Hammer	4000	No	0	8	w
Kobelco LK 500 Loader		Yes	2	6	
Komatsu 200 Excavator 2	· · · · · · · · · · · · · · · · · · ·	Yes	6	2	Valv
Fiat-Allis MotorGrader		Yes	2	6	was de-
Mantis 3612 Crane		Yes	6	2	***

#### MATERIALS RECEIVED

Received 270 pieces of new CZ-101 Steel Sheet Piling at 21'9" long each, and unloaded these along the Land Side Slope of the Levee between Mirabeau Avenue and Filmore Avenue. No defects in material or workmanship were observed.

Received Reinforcing Steel for the next 6 Monoliths of I-Wall on the East Bank between Station 119+02 and Station 102+67. Test reports for this material arrived with the delivery truck. (Copies furnished to Inspector Zane Bryant.)

Received 36 c.y. of Concrete (Mix #44) from LAFARGE CONCRETE today. This was placed in I-Wall East Monoliths #147 and #152.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected Reinforced Concrete Floodwall work done today. Formwork, Re-Steel, Sheet Piling, Stabilization Slab, Waterstop, Chamfer Strip, and Expansion material were all inspected and approved prior to placement of Concrete. (See LMN Form #1246.)

Inspected new Sheet Piling delivered today. Interlocks were all in good condition; handling holes were cut 4" from each end of each piece. Piling were delivered in pairs. Heat numbers, Piling type, and lengths were painted on the side of each Piling. Test reports for these Piling were already received and submitted to the Government.

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

DELTA TESTING performed Concrete Tests required by the Contract Specifications on Mix #44 delivered by LAFARGE CONCRETE COMPANY today. Results were as follows:

SLUMPS = 4" and 4 1/2"
AIR ENTRAINMENT = 5.0% and 5.2%

Three test cylinders were molded to be tested by the Government.

\9402\QCRPT3 PAGE 3 OF 4

#### CONTRACTOR/SUBCONTRACTORS HIND AREAS OF RESPONSIBILITY NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION Unskilled 66 B & K Wrecking, Forming, Pouring, and Skilled 6 66 Curing Concrete I-Wall; Unloading Supt. 1 10 new CZ-101 Sheet Piling and Re-Q.C.Rep. Steel. 1 10 1 Skilled 8 GILL'S CRANE Removing cut off Sheet Pile pieces Unskilled 1 8 (See Page 1 for locations.) 2 Skilled 16 ARCADIA REBAR Tying Reinforcing Steel for East I-Wall Monoliths. (See Page 1.)

JOB SAFETY (Note inspection, violations/actions taken)

Checked Slings, & sorting Hooks used to unload new Sheet Piling. No excessive wear or damage was found. Checked equipment for reverse alarms. Working Back up Alarms were found on the Case 580 Rubber Tire Backhoe, the Fiat-Allis Motor Grader, and Kobelco 500.

REMARKS

(Instructions received, miscellaneous remarks)

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

Authorized Q C Representative

03/13/95

Date

\9402\QCRPT4

PAGE 4 OF 4

INSP	ECTORS QU	ALITY SI	JRAN	ICE RI	EPORT	(QA	(R)	$\overline{}$	T	THE OCR WILL WITH THE QA	L BE AT	TACHED	TO OR F	LED
	DAILY LOG	G OF CUMST (ER 415-1-	rruc	TION	- CIVIL	, —	,		R	EPORT NUMBE				
	·	(27, 475-7-	30Z/	_					1	•	81			
TO Area Eng	ineer,			COPY	TO: C	/Co	nst. Di	iv.	ō	ATE Th	nursd	av		
CELMN-CD					C	ELM	N-CD_		09 March 1995					
PROJECT Lake	Pontchartra	in, La. an	d Vi	cinity	, Londo	on .	Ave. Ca	anal,	CONTRACT NUMBER					
Mirabeau Av	e. to Leon	C. Simon B	lvd.	, Orle	ans Par	ris	h, Loui	isiana.	DACW29-94-C-0079					
CONTRACTOR (Or	hired labor) B à	K Constru	ctio	n Comp	any, Ir	nc.			٧	VEATHER				`
		ghway 59,				704	448			Clea	r &	Cool		
		EDULED DAY SU							$\perp$		TEM	PERATUR	¥Ε	
STRUCTURAL EXCAVATION _	BORROW EXCAVATION	EMBANKMEN		CONCR	ETE	STI	RUCTURE			MUMINIM	M	AXIMUM		
50%	50	%	50 %	L	50 %		50	) %		35°		5	8°	
HAS ANYTHING I	DEVELOPED ON TH	E WORK WHICH I	AICHT	_		_	v=a.= .		L	2	HOUR	PRECIP	TATION	
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									4	0.00"			30	M
SUPERVISORY	OFFICE	VERNMENT EMPLO		ECTION	TOTAL	_	1.4000		+			STAGE		
SOFERVISORI	OFFICE	CATOOT			1-10½	h	LABOR		'	1.00'	TI	ME	00	
NI IMBER OF	CONTRACTOR'S E	ADI OVEES	1-10	72 111.5	1-102		NUMBER O	E CHIETC	۲,		ᆜ_		00	М
SUPERVISORY	SKILLED	LABORERS	TOTA	1	FROM	T		FROM		<u>3</u> 1 □ 2 TO	IFROM	3	ТО	
2-21 hrs	6-65 hrs	5-50 hrs		_	в 0700		L800 M		u   `	м	1170	м	'0	м
											1			
Note: if the co	e following: (a) Maj ntractor's Quality Co	or items of equipmontrol Report (QCR)	ent eith ) contaii	eridle or t ns the info	working, and ormation it n	N (d) n bee	lumber and of be repeat	classificatio ted.	n of c	contractor perso	nnel on:	site.		
work PERFORMS  a) Complete material fe	onst. Co.,	Inc REIN	ption of ustin	work perfor	med Reler to	FLC	performed to	by prime winds	or su	bcontractors buy	nd e	xpans	ion	   ed
	d reasons for same: ys lost due ys lost due				_									
Information on prog	ress of work, causes	for delays and exte	ent of d	elays, Plar	nt, malerial,	etc.								
by Arcadia	e work was Rebar or G ate was som	ill Crane S	Servi	ce th	is date	, a	t thei les fro	r option 08 Ma	ons ar	. The wor	k pe ng t	rform he st	ed by	ral
	FOR COMPLET	ION: 22	2 MAR	96						E ELAPSEI			35.1%	
	PHASES ATTENDED		ONS GIV	/EN:				_	_					
	ne followin				ses thi	s d	late:							
REINFORCED	CONCRETE F	LOODWALL:	No i	nstru	ctions	iss	sued.							
STEEL SHEET	r PILE DELI	VERY: No i	instr	cuctio	ns issu	ed.								

## 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 B&K removing forms from East Mono #147 this date to remove debris from inside of forms that was caused by high tides that flooded to structural excavations. Observed B&K completing setting forms for East Monos #149 & #154. Checked and found alignment to be in accordance with plans. Performed Pre-Placement Inspections on East Monos #149 & #154 this date (see attached LMN Form 1246s). Observed placement and vibrations of concrete this date, and found concrete receiving proper vibrations, and concrete being placed in less than 18" lifts. Witnessed Delta Testing performing required concrete test and molding 3 test cylinders (see back of attached LMN Form 1246 for results). Checked and found waterstops, chamfer strips and bulkheads properly installed for East Monos #149 & #154. Chamfer strips at tops of forms were set at elev. +14.40'(P/S) and +14.38'(F/S) as required. Noted that East Mono #156 was continuing to be cured with a wet burlene blanket this date (last day of 7 day period).

STEEL SHEET PILE DELIVERY: Observed B&K unloading 308 pcs of CZ-101 X 21'-9" sheet piles (7 truck loads) this date on L/S of west levee. Checked and found all heat numbers to match certificates from Casteel as required.

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

NONE

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

NOTE: Observed laborers from B&K using shovels and brooms to clean tracked mud of adjacent bridge and streets.

NOTE: Also attached are Contractor's QC Reports for Tue. & Wed., 07 & 08 March 95.

Contractor's Quality Control Report (submitted/MOXXXXXXX) for this (date/pxxxxX).

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

9½ hrs.

OAR

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Noted that ladders to scaffolds were properly secured to forms and were extended approx. 3' above the scaffold landings as required.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE 10 Mar 95 LANE D

SUPERVISOR'S INITIALS

3/14/85

(Heversy of ENG FORM 2538-2 (CIVIL)

age 2 of 2 pages

QAR # 81

DATE: Thu. - 09 March 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.4%	0.5%	2.9%	2.9%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	<b>-</b> 0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	ERÓSION CONTROL, ALL OVER 10,670 LINEAR FEET	<sup>2</sup> ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

	FORM CHECK OUT	FUK 4		ORCED CONCRETE F	LOODWALL	
JOB Lake Pontchartrain,  Canal, Mirabeau Ave  MONOLITH	to Leon C. Simon	London Blvd.	D.	ACT NO. ACW29-94-C-0079 IDATE OF	POUR	
East # 154	one 1	from 2,0	0 to 14	40 3-9	-95	
	INSPECTED B	Y CONTRA	CTOR	REVIEWED	BY C.O.E	•
ITEH	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Im Justice	3-9-95	1:00 Pm	31B	3-9-95	1315
VERTICAL		11	11			
ALIGNMENT		11	11		/	
CLEANLINESS		1,	11	/	~	
B. CONCRETE PILING	N/A	H	11	N/A	N/A	1/4
ANGLE	N/A	11	11	h	"	"
HEADS	NA	li .	11	"	"	"
C. STAB. SLAB/JOINTS	Imd	3-9-95	1:00 Pm	3,08	3-9-95	1315
CLEANLINESS		/1	(t		/	/
WATERED	~	"	1,			
WATERJET (JOINT)	N/A	11	(1	NIA	NA	NA
D. STEEL REINFORCING	Dm D	3-9-95	1:00 Pm	V		
VERTICAL		11	+(		/	
HORIZONTAL		<b>11</b>	11		/	ノ
SPACING		ft .	(1	/	/.	/
CLEARANCES		П	11		/	/
STEEL SCHEDULE		r,	11			/
SHOP DRAWINGS .		(t	11		/	/
TIE WIRES		<b>(</b>	11 .		/	V
#6 BAR WELDED		1(	t)	. /	V	/
CLEANLINESS		· ((	11			
WATERED '	V	71	` 4 <b>4</b> -		1	_
. FORMWORK	Jmg	3-9-95	1:00 pm	ZAB	3-9-95	1520
CONDITION		11	11			<i>i</i>

	: [ -	···INSPEC	TED B	Y CC	NTRA	CTOR		,	ŔEVIEWE	BY C.O.E	•
ITEM		NAME 1	74 × -	DA	TE	TIME		N.	AME	DATE	TIME
. FORMWORK (CONT) ALIGNMENT	,	mouse	tice	3-	9-95	1:05	PW		71B	3-9-95	1520
CLEANLINESS					i H	1,			~		
RELEASING AGENT		/			r L	1,			/	/	/
TIES AND BOLTS					11	11			<u> </u>	V.	
LENGTH 28.83'					I.	11			/		
WIDTH 1.75 to 1.00		/			1	11		٠.	/		
· HEIGHT 12.40'				,	ŧ	11			/		
WATERSTOPS						11					
CHAMFER STRIPS			•	1	1	74			/		
WEATHER PROTECTION	(	Im J		3-9	-95	1:05 Pm		•	318	3-9-95	1525
SAFETY (LIST)		Imp		3-9	-95	5 1:05 Pm		308		3-9-95	1525
1. Eye Protection		000			,	/1				V	7
2. Scaffold + Lodde 3. Rigging Check	r				<del>'  </del>	1(	$\rightarrow$		<del></del>		
OTHER CHECKS PER SPECIFIC JOB		Omor			-95	1:05	ρm		71B	3-9-95	1525
Expansion Materia		000	· . · '		-	li			09		
										1	
EQUIPMENT USED	NO.	ТҮРЕ	MIT	IE	HOUF	RS ·	NC	).	TYPE	TIME	HOURS
Mantis Crane	1	3612	134	15		25				<del> </del>	
encrete Bucket	1	1/2 c.y.	/34			25					
morete Vibrators	2	18'+12'	134			25					
REMARKS						 ;3 %					

AIR TEMPS =  $58^{\circ}$  4  $58^{\circ}$ 

; 3 Test Cylinders (LA-//

FINAL CLEARANCE

CONTRACTOR REPRS:

C.O.E. REPRS:

INSTRUCTIONS

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

	FORM CHECK OUT		STRU REINF	JRES ORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain, Canal, Mirabeau Ave				ACT NO. ACW29-94-C-0079		
MONOLITH LIF	T NO.	LEVATION from 2,0	V	IDATE OF	POUR 1 - 95	
	INSPECTED B			REVIEWED	•	•
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	Im Justis	3-9-95	2:00 Pm	3.AB	3-9-95	1400
VERTICAL		11	11			<u></u>
AL I GNMENT		//	1(	/		~
CLEANLINESS	V	11	11		<u></u>	-
B. CONCRETE PILING	N/A	11	tı -	N/A	NA	N/A
ANGLE	NIA	[1	ų.	//	"	7
HEADS	NIA	11	11	,,	"	"
C. STAB. SLAB/JOINTS	In Justice	3-9-95	2:00 PM	3.48	3-9-95	1405
CLEANLINESS		11	1,		/	_
WATERED		11	11			
WATERJET (JOINT)	N/A	11	1,	MA	N/A	N/A
D. STEEL REINFORCING	In Justice	3-9-95	2!00 Pm	3/13		/
VERTICAL		"	"		~	/
HORIZONTAL		11	ti	~		
SPACING		11	11		<b>✓</b> .	/
CLEARANCES		. (1	11		~	
STEEL SCHEDULE		11	M		~	
SHOP DRAWINGS .		/1	11			
TIE WIRES		(1	V1 ·			~
#6 BAR WELDED		(1	(1	. ~	~	
CLEANLINESS		` ((	11	~		
WATERED '			***	• • • • • • • • • • • • • • • • • • • •		
FORMWORK	In Justice	3-9-95	2:00 pm	308	3-9-95	1415
CONDITION		11	tr :			

ITEM . FORMWORK (CONT) ALIGNMENT CLEANLINESS RELEASING AGENT TIES AND BOLTS	INSPECT NAME  Impusto		DATE	TIME		ŔEV I NAME	EWED	BY C.O.E.	TIME
. FORMWORK (CONT) ALIGNMENT CLEANLINESS RELEASING AGENT TIES AND BOLTS	Jm Justis	2		TIME	1	NAME		DATE	TIME
ALIGNMENT CLEANLINESS RELEASING AGENT TIES AND BOLTS	Impustro	20	2 4 4 5	TIME				ן אייין	LITUE
CLEANLINESS RELEASING AGENT TIES AND BOLTS	ImJustio	2	200	l		-			
RELEASING AGENT TIES AND BOLTS		ym gusus			5PM	31B		3-9-95	1415
TIES AND BOLTS			11	4,				/	/
			10	- 4				/	/
			"	1,		V		~	
LENGTH 28.87'			11	11		/		/	
WIDTH 1.75 to 1.00			и	, ti		. ~		_/	
HEIGHT 12.40'			(I	f v		/			/
WATERSTOPS		11	· ·		~		/		
CHAMFER STRIPS	/		(t	ti		/			
. WEATHER PROTECTION	Im Justice	<u></u>	3-9-95	2:05	Pm	3.0	}	3-9-95	14/20
. SAFETY (LIST)	In Just	-	3-9-95 2:05 PM		Pm	34	B	3-9-95	1420
1. Eye Protection			/!	10		, -			~
2. Rigging Check	- /		- 11	11		<u> </u>			
3. Scaffold + Ladde	<u> </u>			- '(		<u> </u>			
SPECIFIC JOB	Jan Justi	<b>~</b>	3-9-95	- 2:05	Pren	30	3	3-9-95	1420
Expansion Material	-NONE THI	5 P	OUR -						_=
. EQUIPMENT USED	NO. TYPE	TIM	E HOU	RS ·	NO	. TY	PE	TIME	HOURS
Mantis Crone	1 3612	161	5 1:4	15					
Concrete Bucket	1 1/2 C.Y.	, 1	1:4:	5					
concrete Vibrators	2 18'+12'	11	1:4	5			-		
. REMARKS * Same A	s for East 1,	ATR F	#/54. NTR. =	I *		: CONCE	ETE T	EMPS =	*
:									
AIR TEMPS = * ; 3 Test Cylinders (LA-**)  FINAL CLEARANCE									
ONTRACTOR REPRS:	0 4			.0.E.	REPR	S:	M	X	7

INSTRUCTIONS

CONCRETE PLACING SHALL NOT BEGIN UNTIL EVERY ITEM IS CHECKED AND THE FINAL CLEARANCE IS SIGNED. IF ANY ITEM IS NOT APPLICABLE IT SHALL BE NOTED "NA" AND SIGNED. BEFORE APPROVIME SAFETY REQUIREMENTS ITEM, A FINAL INSPECTION SHALL BE MADE OF ALL WORKING FACILITIES.

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

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

DATE: 03/09/95 REPORT NO.: 109

SKIES: Clear RAIN: 0 IN. TEMP.: 35 MIN 58 MAX

DUST: None LEVEE CONDITION: Damp CANAL GAUGE: (1.0) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters built scaffold platform at East Monolith #149 Land Side Form. Then had to wreck Forms set previously at East Monolith #147 due to trash and sediment that washed in with the heavy rain and high tide on 03/07/95 and 03/08/95. Laborers cleaned Reinforcing Steel, Stabilization Slab, Sheet Piling, and Forms at Monolith #147. Carpenters re-set the Canal Side Form at East Monolith #147, and installed Waterstop and half of the Bulkheads here. Placed Concrete at East Monoliths #154 and #149 today. Covered tops of these two Monoliths with wet Burlene Blanket after placement was completed. Operator unloaded 308 pieces of new CZ-101 Sheet Piling today (see "Materials Received" for more details). Also unloaded 4400 l.f. of 3-bulb Waterstop from "GREENSTREAK" today (see "Materials Received"). Laborers cleaned mud off of Robert E. Lee Blvd. and the bridge over London Avenue Canal that was left behind by delivery trucks today.

PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	8	2	
Komatsu D37P Dozer		Yes	2	6	**************************************
Kubota 151 Excavator	**************************************	No	0	8	- ray to
Case 580 Backhoe		Yes	2	6	W.
Koehring 535 Crane		No	0	8	****
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader		Yes	2	6	
Komatsu 200 Excavator 2	~~~	No	0	8	
Fiat-Allis MotorGrader	-	No	0	8	~~
Mantis 3612 Crane		Yes	8	2	

#### MATERIALS RECEIVED

Received 36 cubic yards of Concrete Mix #44 from LAFARGE CONCRETE today. Placed this material at East I-Wall Monoliths #154 and #149. (See "Tests Performed").

Received 4400 l.f. of 3/8"x9" three bulb Waterstop from GREENSTREAK (style #753). Stored this material inside the fence at the Pratt Drive Staging Area today. Inspection of this material revealed no defects in workmanship or materials.

Received 308 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL/SKYLINE today. These were unloaded on the West Bank from † Sta. 105+00 to 102+00 along the Land Side Slope of the Levee. Approved Heat Numbers were painted on the side of each piece of new CZ-101, along with Piling Type and length. Handling holes and interlocks were all free of defects or errors in workmanship. All Piling received to date were delivered in pairs.

\9402\QCRPT2 PAGE 2 OF 4

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected the Reinforced Concrete Floodwall work done today. The required Form Checklists (LMN Form #1246) were completed for each I-Wall Monolith (#154 & #149 East Bank) prior to beginning the Concrete placement. East Monolith #149, Land Side Form, was found to be 3/8" low. This was due to settlement of the Stabilization Slab under the weight of the Steel Forms. Carpenters raised this Form, shimmed it to proper height and then the top of Wall Chamfer Strip was re-set at elevation 14.40.

Inspected the roadway at Robert E. Lee Blvd. for dirt and debris. After the end of the day's work, only a minimal amount of dirt was evident here. The Case 580 Backhoe was used to scrape large chunks of mud off the street and bridge, then the remainder was cleaned up with shovels.

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

DELTA TESTING - performed Concrete tests today as required by the contract specifications. Material tested was LAFARGE CONCRETE COMPANY'S Mix #44, which was placed at East I-Wall Monoliths #154 and #149. Results were as follows:

SLUMP: 3 1/2" and 3 1/2"
AIR CONTENT: 5.3% and 5.6%
No other tests performed today.

\9402\QCRPT3 PAGE 3 OF 4

		JOI	NTRACTOR/SUBC	ONTRACTORS A.J.
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
5 6 1 1	Unskilled Skilled Supt. Q.C.Rep.	50 65 10.5 10.5	B & K " "	Setting I-Wall Forms; placing I-Wall Concrete; unloading Waterstop and Sheet Pile deliveries; cleaning debris off of streets and at I-Wall Monolith #147 East. (See locations on Page 1.)

JOB SAFETY
(Note inspection, violations/actions taken)

Checked scaffold platform built today on the Form at East Monolith #149. (This Form was never used on the Land Side until now.) Planking was nailed down to support members to prevent movement. Toeboards and handrails/midrails were nailed into place as well. Walkboards were 2"x12" treated pine; handrails, midrails, and toeboards were 2"x4" untreated pine. Ladder was secured at the top to the scaffolding, and it extended 3' above the platform.

#### REMARKS

(Instructions received, miscellaneous remarks)

The Forms set previously at East Monolith #147 had to be removed due to debris that was washed in with yesterday's extremely high tide. This extra work will delay placement of Concrete at this Monolith by one day, due to circumstances beyond our control. Mike Tassin is asking for 50% Lost Production Day due to this extra work.

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

03/10/95

Authorized Q C Representative

Date

\9402\QCRPT4

PAGE 4 OF 4

INSP	ECTORS QU	ALITY SU	RANCE R	EPORT (C	AR)		THE WITH	OCR WILL I THE QAF	BE ATTAC	HED 1	TO OR FILE	ΕD
	DAILT LUC	: UF CONS !  -ER 415-1)		- CIAIL			REPOR	T NUMBER	1		_	
									80			
TO Area Eng			COPY		Const. Di	iv.	DATE		esday			
CELMN-CD		- T	l Winimit		MN-CD	1	001		rch 1'9	<u>95</u>		
PROJECT Lake Mirabeau Av							1 -	ACTION		070		
CONTRACTOR (Or						istalia.	DACW29-94-C-0079 WEATHER					
		ighway 59, i			0448		"		T & Co	1.4		
		HEDULED DAY SU			<del></del>		<del>                                     </del>	CIOUG	y & Co			_
STRUCTURAL	BORROW	EMBANKMEN	T CONCE	RETE :	STRUCTURE	<u>·</u>	MINIM	JM.	MAXIM			
EXCAVATION 0.%	EXCAVATION	)%	0 %	0 %	C	) %		42°		55	5 °	
								24	HOUR PR	ECIPIT	ATION	
	DEVELOPED ON TH NGE ORDER OR FI	HE WORK WHICH A NDING OF FACT?	AIGHT E	NO D	☐ YES (Expla	MF3)	INCHE	_	ENDIN			
				0.00"			730	М				
au 1959) #005\	NUMBER OF GO			Canal	RIVER S	TAGE						
SUPERVISORY	OFFICE		FEET	2 001	TIME	0.0	200					
AN IMPER OF	CONTRACTOR'S E	ADLOVEES	1-8 hrs	1-8 hrs	NUMBER O	E CHIETC	<u> </u>	3.00'		30	300	М
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	133 1 T TO	2	FROM		то	
2-13 hrs	5-15 hrs	6-16 hrs	13-44 hrs			I PROM M		м	1110	M	.0	м
Attach list of the	e following: (a) Ma ntractor's Quality Co	or items of equipment (QCR)	ent either idle or	working and (b	Number and	classification			nnel onsite.	1		
CONTRACTOR/SUE	BCONTRACTORS A	NO AREA OF RESE	PONSIBILITY FOR	R WORK PERF	ORMED TODA				_			
							_					
a B&KC	onst. Co.,	Inc No	progressi	<u>ive work</u>	performe	d this	date.					-
b												_
C.												
							_					
		e location and descrip									e )	
		was perform			•	_						
date.	rainialis.	However, Co	ontractor	ala unio	ad sneet	piles	and I	orm ma	teriai	tnı	LS	
date.												
	_ <u>-</u>											
Days of no work and	d reasons for same:											
		e to advers									er 95.	
50% of d	ays lost du	e to advers	se weather	c/wet gro	und cond	itions	on 04	& 05	Mar 95	•		
<u> </u>												
Information on prog												
		was perform om previous		-	ny or th	e contr	actors	s, due	to ve	ry w	ve t	
ground co.	ndicions ii	om previous	, raintari									:
•					PF	ERCENT P	RO.IEC	г сомр	LETE:	c	9.6%	
DATE SET	FOR COMPLET	CION: 22	2 MAR 96			ERCENT T			_		.9%	
		D AND INSTRUCTION										
	Attended the following CQC Inspection Phase this date:											
STEEL SHE	ET PILE DEL	IVERY: No	instructi	lons issu	ed.							
1												

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:	
STEEL SHEET PILE DELIVERY: Observed the unloading of sheet piles this date. All piles were stored on the L/S slope of the existing west levee, between approx. WB/L Sta's 102+00 and 105+00. Checked heat numbers on all piles delivered this date, and found them to match the heat numbers on Casteel's Mill Certificates. Contractor received 88 pcs. of CZ-101 X 21'-9" steel sheet piles this date.	
ENVIRONMENTAL PROTECTION: Made a visual inspection of the silt fence along the east & west levees, between approx. B/L Sta's 102+00 and 119+50, and found no evidence of silt passing through the silt fabric material. No erosion noted this date. Silt fence is in very good condition.	
VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remarks)	
NONE	
CONTROL MATTERS IN DETAIL	
CONTROVERSIAL MATTERS IN DETAIL.  NONE	
INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN QCR REPORT OR DISAGREEMENTS:	
NONE	
Contractor's Quality Control Report (xxxbxxixxxi/not submitted) for this (date/xxxixxxi).	
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)	
NAMES DESIGNATION HRS. ON SITE DUTIES	
Z. BRYANT Const. Insp., GS-07 7 hrs. QAR	
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)	
Checked slings being used to unload sheet piles this date, for signs of defects (ie; cra	cks
in hooks, kinked or frayed cables, etc.). No defects noted. Also noted that all personne were wearing hard hats, steel-toed boots, and gloves during the sheet pile unloading	1
operations, and that flagmen were being used to direct traffic for delivery trucks.	
No safety infractions were noted this date.	
INSPECTOR'S SIGNATURE DATE SUPERVISOR'S INITIALS DATE	
ZANE D. BRYANT JR.) 09 MAR 95 7 3/14/55	
(Heverse of ENG FORM 2538-2 (CNIL)	

QAR # 80

DATE: Wed. - 08 March 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	14.1%	-0-	14.1%	14.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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

DATE: 03/08/95 REPORT NO.: 108

SKIES: Cloudy - Clearing RAIN: 0 IN. TEMP.: 42 MIN 55 MAX

<u>DUST</u>: None <u>LEVEE CONDITION</u>: Wet <u>CANAL GAUGE</u>: (3.0) <u>NOISE</u>: Minimal

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Canal water was too high to work in the Structural Excavation today. Also, the Levee was too wet for any work today. Operator unloaded one truckload of new CZ-101 Steel Sheet Piling that showed up unannounced on the East Bank at Mirabeau Avenue. Also unloaded one truckload of Sheet Piling (that was loaded on B & K CONSTURCTION'S truck yesterday) on the West Bank near Station 105+00. See "Materials Received" for details. Also unloaded Metal Forms from FORMWORK SERVICES AND SUPPLY COMPANY to assemble an extra panel for Canal Side of the I-Wall.

No other work performed today due to wet soil on the Levee.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		No	1	7	***
Komatsu D37P Dozer		No	0	8	
Kubota 151 Excavator		No	0	8	****
Case 580 Backhoe	_	No	0	8	was:
Koehring 535 Crane		No	0	8	Now
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader		No	0	8	
Komatsu 200 Excavator 2	~~	Yes	2	6	
Fiat-Allis MotorGrader		No	0	8	-salaur
Mantis 3612 Crane		No	0	8	1000

#### MATERIALS RECEIVED

Received 88 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL today. Heat Numbers were verified, and no defects were observed in Sheet Piling materials or workmanship.

Also received one truckload of Metal Forms and hardware from FORMWORK SERVICES AND SUPPLY COMPANY today. This material will be assembled to Form up the Canal Side (No Fractured Fin side) of the I-Wall, as an extra panel.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected the Sheet Piling received today. Piling were new CZ-101 Steel Sheet Piling 21'-9" long. The Heat Numbers, Pile Type, and lengths were painted on the side of each piece. No defects in materials or workmanship were noted.

Inspected the Erosion Control Silt Fencing on the East Bank between Robert E. Lee Blvd. and Pumping Station #4. No sign of Silt or sediment run off was noted.

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

None today.

\9402\QCRPT3 PAGE 3 OF 4

		CON	NTRACTOR/SUBCO AREAS OF RESP	ONTRACTORS 6.4D PONSIBILITY
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
6	Unskilled	16	В & К	Unloading new CZ-101 Sheet Piling
5	Skilled	15	п	and Forms from CASTEEL and FORMWORK
1	Supt.	8	n	SERVICES & SUPPLY. (No other work
1	Q.C.Rep.	5	U	performed due to wet soil on the Levee.)

JOB SAFETY (Note inspection, violations/actions taken)

Repaired Safety Fence at Mirabeau Avenue entrance to the Levee, and placed a "KEEP OUT" sign on the fence.

A flagman was provided (with Orange Vest and Traffic Flag) to direct traffic at Mirabeau Avenue and Robert E. lee Blvd. today. This was done to prevent accidents while delivery trucks made the turn onto the Access Roads.

#### REMARKS

(Instructions received, miscellaneous remarks)

We are asking for a 100% lost production day today due to wet soil on the Levee. No Concrete could be placed at I-Wall Monoliths due to saturated soil conditions.

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.

Authorized Q C Representative

03/09/95

Date

\9402\QCRPT4

PAGE 4 OF 4

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			·	1-8	hrs_	1-8 hr	s			1.	50'	0	800	M
NUMBER OF	CONTRACTOR'S E	MPLO'	YEES					NUMBER OF	SHIFTS	<b>X</b> 1	2	<b>3</b>		
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Note: If the co	e following: (a) Ma ntractor's Quality C BCONTRACTORS A Onst. Co.,	ND AF	Report (QCR)	ONSIB	the info	R WORK PER	FOR	ot be repeat	ed.  /			nel onsite.	<del>-</del>	
										LIDIO				
b. Gill's	<u>Crane Servi</u>	ce,	Inc	TEM	IPORAR	Y FLOOD	PF	ROTECTIO	ON			·		
C														
<ul><li>a) Finishe</li><li>Cured Mono</li><li>b) Cut-off</li></ul>	rs rubbed s #156. existing s g piles bet	urfa hee	aces of	East betw	: Mono veen E	s #154 B/L Sta	& # 's	103+75	et forms	for E	East M	lonos #1	47 &	
Days of no work an														
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information on prog	ress of work, cause	s for d	elays and exte	nt of d	elays, Pla	nt, material,	etc.		- "					
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									RCENT PI				9.6	
DATE SET	FOR COMPLET	CION	22	MAR	96			PE	RCENT T	ME EL	APSED	:	34.8	%
COC INSPECTION	PHASES ATTENDE	D AND	INSTRUCTIO	SNS GI	VEN:									

Attended the following CQC Inspection Phases this date:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

SHEET PILES DELIVERY: No instructions issued.

### RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES The following Follow-Up QA Inspections were performed this date: REINFORCED CONCRETE FLOODWALL: Observed carpenters setting forms for East Monos #147 & #149. Completed setting forms, chamfer strips, 3-bulb waterstops & bulkheads for East Mono #149. Finishers con't rubbing surfaces of East Mono #154 & #155. Cured East Mono #156 with wetted burlene as required. TEMPORARY FLOOD PROTECTION: Observed subcontr. (Gill) cutting off existing RZ-10 sheet piles at approx. elev. +6.75' between approx. EB/L Sta's 103+75 and 104+20, then removing the cut off sections between approx. EB/L Sta's 104+00 and 104+75. SHEET PILE DELIVERY: Observed contractor unloading 44 pcs of CZ-101 X 21.75' steel sheet piles from trucks on the west levee. Sheet piles being stored on the L/S of the existing levee between WB/L Sta's 105+00 and 105+50. Heat Numbers match the Certificates. 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: NOTE: All operations were shut-down at approx. 1130 hrs. this date, due to adverse weather conditions (high winds and very heavy rainfall). Contractor's Quality Control Report (submitted/not submitted) for this (date/NXXXXX). REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE DUTIES DESIGNATION HRS. ON SITE NAMES QAR Const. Insp., GS-07 7 hrs. Z. BRYANT SAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Observed flagmen wearing orange vest and using orange flags to control traffic for trucks making deliveries of sheet piles this date. No safety infractions were noted this date. DATE SUPERVISOR'S INITIALS INSPECTOR'S SIGNATURE

08 MAR 95

(Neverse of ENG FORM 2538-2 (CIVIL)

ZANE

Paye 2 of 2 pages

### CONTRACT NO.: DACW29-94-C- 0

QAR #\_\_\_\_\_79

DATE: Tue. - 07 Mar 95

Item No.	Description	Contract Quantity	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	13.4%	0.7%	14.1%	14.1%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0 <b>-</b>	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	13.4%	0.7%	14.1%	14.1%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
					-		
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				·			

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

DATE: 03/07/95 REPORT NO.: 107

SKIES: Cloudy - Rain 11:30 RAIN: 3.1" IN. TEMP.: 50 MIN 75 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.5) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION Too wet for Concrete delivery trucks today. Carpenters finished Formwork details on East Monolith #149. Began working on East Monolith #147; set Canal Side Form, braced it off, and added half of Bulkhead material. Adjusted Re-inforcing Steel bottom Steel to correct clearance at #147. Cement Finishers patched and rubbed East Monoliths #155 and #154. Laborers wet Burlene and Concrete Walls at East Monolith #156. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank near Station 105+00 (See "Material Received" for more details). Heavy rain showers at 11:30 AM shut down all work.

GILL'S CRANE SERVICE - Cut off existing Frodingham Sheet Piling on the East Bank from Station 104+20 to Station 103+75 at elevation 6.75 for Temporary Flood Protection. Removed the cut off pieces from Station 104+75 to Station 104+00 and stacked them on the Canal Side of the existing Floodwall. These will be hauled off at a later date.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	Vocal	Yes	3	5	
Komatsu D37P Dozer		Yes	2	6	velore
Kubota 151 Excavator	No.	No	0	8	
Case 580 Backhoe	No.	Yes	1	7	Votor .
Koehring 535 Crane	*****	Yes	2	6	- Name of the Control
MKT Vibro Hammer		No	0	8	· ·
Kobelco LK 500 Loader		No	0	8	- Appear
Komatsu 200 Excavator 2		No	0	8	чери
Fiat-Allis MotorGrader		Yes	1	7	war
Mantis 3612 Crane		Yes	3	5	**************************************

#### MATERIALS RECEIVED

Received 44 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL today. Unloaded these sheets on the West Bank near Station 105+00 along the Land Side Slope of the Levee.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected Sheet Piling delivered today. Sheets were new CZ-101 Steel Sheet Piling, 21'-9" long delivered in piars. Heat Numbers were painted on the side of each piece of each piece of the piling, and the numbers corresponded to the ones on the approved Heat Number crossover key. No defects in workmanship or material were observed.

Checked workers for Steel Toe Boots on the jobsite. All personnel (B & K CONSTRUCTION & GILL'S CRANE SERVICE) were wearing proper foot protection today.

TESTS PERFORMED

(As required by plans/specifications)

None today.

PAGE 3 OF 4

#### ONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY TRADE NO HOURS COMPANY LOCATION/WORK DESCRIPTION Unskilled 7 38 B & K Setting I-Wall Forms; Patching & Skilled 5 28 rubbing I-Wall Concrete; Curing I-1 Supt. 6 Wall Concrete; Unloading new CZ-101 Q.C.Rep. 1 Sheets. (See locations on Page 1.) 6 2 Skilled 10 GILL'S CRANE Cutting off existing Sheet Piling for Temporary Flood Protection. (See locations on Page 1.)

JOB SAFETY (Note inspection, violations/actions taken)

Checked reverse alarms on the Motor Grader, rubber tire Backhoe, and the Dozer today. All were in good working condition.

Checked rigging used to unload Steel Sheet Piling, Slings, and Hooks were found to be in good condition.

#### REMARKS

(Instructions received, miscellaneous remarks)

COX CABLE COMPANY did finally raise the overhead Cable at Mirabeau Avenue today. Clearance on the East Side is now at 12', and 14' on the West Side, from the Temporary Access Road surface.

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.

Authorized Q C Representative

03/08/95

Date

\9402\QCRPT4

PAGE 4 OF 4

INSP	ECTORS QU	ALITY SL	JRANCE RI	EPORT	(QAR)		$\cap$	THE	CR WIL	L BE ATTA	CHED	TO OR F	LED
	DAILY LOG	G OF CONST	RUCTION	- CIVIL	(			REPORT					
		(ER 415-1-	302)					, From	· · · · · · · · · · · · · · · · · · ·				
TO Area Eng	ineer		COPY	TO: C	/Const	D	iv	DATE	Sat	78 , Sun.	S. M	ion.	
CELMN-CI			COLI		ELMN-CI		T V •	04		, sun. <u>06 Má</u> :			
PROJECT Lake	Pontchartra	in, La. and	d Vicinity	Londo	on Ave	. Ca	anal.	CONTRA			LCII	1990	
Mirabeau Av	re. to Leon	C. Simon B	lvd., Orlé	ans Par	rish, I	ou	isiana.	DA	CW29-	-94-C-(	0079		
CONTRACTOR (Or	hired labor) B &	K Construc	ction Comp	any, Ir	nc.					oudy w			to`
		ghway 59, i								oudy ar			-
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SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	ERC		DI 1	2	I FROM		170	
2-19 hrs	8-74 hrs	6-60 hrs	16-153	0700	-	) м	FROM		м	FHOM	м	то	
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Note: If the co	e following: (a) Maj ntractor's Quality Co	ontrol Report (QCR)	ent either idle or contains the info	working, and ormation it no	(b) Numbe sed not be	r and repea	l classification sted.	n of contract	or perso	nnel onsile	).		
CONTRACTOR/SU	BCONTRACTORS A	NO AREA OF RESP	PONSIBILITY FOR	WORK PER	REPORMED	rod/	AY						
a B&KC	onst. Co.,	Inc RE	INFORCED C	ONCRETE	TOOLE	NJ Δ 1	וו. פידו	T. SHEE	т рті	FC			
								EL SHEE	1 F11	<u> </u>			_
b. Gill's	<u>Crane Servi</u>	ce, inc	TEMPURAR	Y FLOOR	PROTE	CT.	10N						
c Arcadia	Rebar, Inc	SETTII	NG & TYING	RESTER	EL								_
a) Con't se Curing East steel sheet b) Cut-off	ED TODAY Undicated triing forms Monos #155 piles. existing should be seen as to more than the property of the	s, bulkheads 6 & #156; Ru eet piles l	s, waterst ubbing sur oetween EB	ops, ar faces o	nd cham of East s 104+	fer Mo	r strips onos #15 and 105	s for E 53, #15 5+35.	ast N 5 & #	Monos # #156; U	#149 Jnlo	& #15 aded	·
	d reasons for same:											_	
100% of day	s lost due	to adverse	weather/w	et grou	ind con	di	tions or	n 01 &	06 Ma	ar 95.			
	s lost due			_									
Minor prog	ress of work, causes ressive wor being unac	k was perfo	ormed by B	8&K, Gil	11, and								5.
DATE SET	FOR COMPLET	CION: 22	MAR 96 .				ERCENT I			_	_	9.6% 4.6%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTK	ONS GIVEN:										
Attended t	he followin	g CQC Inspe	ection Pha	ses on	Mon.,	06	Mar 95:						
REINFORCED	CONCRETE F	LOODWALL:	No instru	ctions	issued	١.			•				
TEMPORARY	FLOOD PROTE	CTION: No	instructi	ons iss	sued.								
CETTING S	TVINC DESTE	EI. No in	structions	icanod									

STEEL SHEET PILES: No instructions issued.

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

The following Follow-Up QA Inspections were performed on Mon., 06 Mar 95:

REINFORCED CONCRETE FLOODWALL: Observed finishers con't to rub surfaces of East Monos #153, #155 & #156. Observed contractor con't to cure East Monos #155 & #156 with wetted burlene. Observed carpenters setting forms, 3-bulb waterstops, bulkheads, expansion material, and chamfer strips for East Monos #149 & #154.

TEMPORARY FLOOD PROTECTION: Observed subcontr. cutting off existing RZ-10 sheet piles at elev. +6.75, between EB/L Sta's 104+20 and 105+35, then removing the cut-off sections between EB/L Sta's 104+75 and 106+30.

SETTING & TYING RESTEEL: Observed rodbusters setting & tying bottom resteel for East Mono #152, and setting & tying wall stem resteel mats for East Monos #147 & #149. All resteel is tied at 100%, and in accordance with approved shop drawings.

STEEL SHEET PILES: Observed contractor receiving & unloading approx. 276 pcs of CZ-101 X  $\overline{21'-9''}$  steel sheet piles this date. All sheet piles were stored on L/S slope of the existing west levee, south of Robert E. Lee Blvd.

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 OCR REPORT OR DISAGREEMENTS:

 $\underline{\text{NOTE}}$ : Checked and found all sheet piles delivered this date, to have heat numbers that match those of the Mill Certificates supplied by Casteel.

NOTE: Due to week-end rainfall, levee conditions were very wet, and contractor was unable to get concrete trucks on levee to place concrete.

Contractor's Quality Control Report (submitted / KNXXXXVIII) for this (XXXXXXII) period).

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

<u>NAMES</u>

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

7 hrs. (Mon)

QAR

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

Contractor held Weekly Safety Meeting at 0700 hrs. on Mon., 06 Mar 95. See attached minutes for topics discussed.

Noted that concrete finishers were wearing hard hats, rubber gloves, and safety glasses on Mon., O6 Mar 95, while rubbing surfaces of I-Wall monoliths.

No safety infractions were noted this period.

INSPECTOR'S SIGNATURE

AND DATE

SUPERVISOR'S INITIALS

DATE

3/14/15

QAR #\_\_\_\_\_\_78\_\_\_\_\_

Sat., Sun. & Mon.

DATE: 04, 05 & 06 March 95

Item	D	Contract	Estimated	Placed	Placed	Placed	%
No.	Description	Quantity	Quantity	Prev.	Today	To Date	Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	12.9%	0.5%	13.4%	13.4%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	12.9%	0.5%	13.4%	13.4%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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

DATE: 03/06/95

REPORT NO.: 106

SKIES: Cloudy

RAIN: IN. TEMP.: 64 MIN 78 MAX

(Saturday = 0.25" Sunday = 0.50")

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE: (1.7) NOISE: Moderate

#### WORK PERFORMED/LOCATION

03/04/94 Saturday - B & K CONSTRUCTION - No work performed due to wet soil and more rain falling. Rainfall = 0.25" today.

03/05/95 Sunday - B & K CONSTRUCTION - No work performed due to wet soil and more rain falling. Rainfall = 0.50" today.

03/06/95 Monday - B & K CONSTRUCTION - Too wet for Concrete trucks on the Levee. Completed details on I-Wall Form at East Monolith #154. Set Land Side Form at East Monolith #149 (Canal Side Form set previously) Installed Bulkheads & Waterstop at #149. Still not completely ready for Concrete placement yet. Cement Finishers patching and rubbing Walls at East Monoliths #153, #155, and #156. Laborers wet Walls and Burlene Blankets at East Monoliths #155 and #156 throughout the day. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank (See "Materials Received" Section for more details).

GILL'S CRANE SERVICE - Cut off existing Sheet Piling at elevation 6.75 on the East Bank from Station 105+35 to Station 104+20. Removed these cut off pieces to Station 104+75, and stacked them on the Canal Side of the existing Floodwall.

ARCADIA REBAR - Tied Reinforcing Steel at East I-Wall Monolith #152 (bottom Steel only). Also hung Re-Steel Wall Curtains in place and tied them 100% at East Monolith #147 and #149.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	8	0	
Komatsu D37P Dozer		Yes	2	6	
Kubota 151 Excavator		No	0	8	<b></b>
Case 580 Backhoe	44.00	Yes	2	6	•••
Koehring 535 Crane		Yes	4	4	
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader	No. au	No	0	8	***
Komatsu 200 Excavator 2		No	0	8	
Fiat-Allis MotorGrader		Yes	2	6	
Mantis 3612 Crane	***	Yes	6	2	

#### MATERIALS RECEIVED

Received 276 pieces of new CZ-101 Steel Sheet Piling 21'-9" long from CASTEEL today. These Sheets were unloaded on the West Bank along the Land Side Slope of the Levee between Robert E. Lee. Blvd. and Prentiss Avenue. Heat numbers were checked against the numbers shown on the Mill Certificates and Test Reports. No discreprancies were found, and no defects in material or workmanship were noted.

\9402\QCRPT2 PAGE 2 OF 4

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

Too wet to pour Concrete today - trucks could not travel on the Levee. Inspected I-Wall Formwork, Re-Steel, Waterstops, and Expansion material at East Monolith #154. Re-Steel clearances were 2 1/2" to 3" along each face of the Form. Forms were plumb and in proper alignment. Waterstops were centered in the Wall, and continuous from 6" below top of Wall to 3" from bottom of the Wall. Expansion material was attached securely to existing Concrete at each end of Monolith #154. Chamfer Strip was installed at each Expansion Joint (vertically), but the top of Wall grade and Chamfer Strip still needed to be set.

Inspected Temporary Flood Protection on the East Bank from Robert E. Lee Blvd. to Station 105+00. The existing Sheet Piling have been cut off at elevation 6.75. No gaps or breaks in Flood Protection exist in this area.

TESTS PERFORMED

(As required by plans/specifications)

None today.

\9402\QCRPT3 PAGE 3 OF 4

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY											
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION								
6	Unskilled	60	B & K	Setting I-Wall Forms, Curing I-Wall								
4	Skilled	50	n	Concrete; Patching I-Wall Concrete;								
1	Supt.	8.5	n	Patching I-Wall Concrete; Unloading								
1	Q.C.Rep.	10.5	и	new CZ-101 Sheet Piling. (See								
				locations on Page 1.)								
2	Skilled	16	GILL'S CRANE	Cutting off existing Sheets for								
				Temporary Flood Protection. (See								
1				Page 1 for locations.)								
2	Skilled	8	ARCADIA REBAR	Tying Reinforcing Steel for I-Wall.								
				(See locations on Page 1.)								

JOB SAFETY

(Note inspection, violations/actions taken)

Held the Weekly Safety Meeting at 7:00 AM today. The minutes of the meeting are attached to this report.

Provided rubber gloves and safety glasses & goggles to Cement Finishers for their protection.

Flagmen directed traffic for delivery trucks at Robert E. Lee Blvd. today.

#### REMARKS

(Instructions received, miscellaneous remarks)

A COX CABLE Representative called me today in reference to a letter sent to "COX" last week. The overhead cable at Mirabeau Avenue and London Canal must be raised or moved out of our way to allow trucks and equipment access to the Levee. Still no action taken by COX CABLE to this date.

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.

03/07/95

Aythorized Q C Representative

Date

\9402\QCRPT4

PAGE 4 OF 4

## B+K Construction MINUTES OF SAFETY MEETING

DATE: 3-6-95			TIME:	7:00 Am
PROJECT: London	Avenue	Cana/	Floodwa	//
	***************************************	***************************************		
MEETING CONDUCTED BY	:Jerr	y Just	ice	Personal Control of the Control of t
PERSONS ATTENDING:			/ /	
Day Outo		a	ellie De	Han
Stay Thome	······································		yell !	uwn
Raymond Refrance	<del>Matthews, 100, 100, 100, 100, 100, 100, 100, 10</del>		ndy gar	
Jarry V. Oses	*****************************			
Palma Cation		************		, , , , , , , , , , , , , , , , , , ,
Kerin Delavela	<u>(</u>			**************************************
TOPICS DISCUSSED:				
Proper	of Circ		- 10/	a s discussed
Proper use Employees were in at all burning and a	structed	to have	an extingu	isher on hand
at all burning and a	selding of	erations.	When a	fire extinguisher
must be used to	PUT OUT	2 <i>tire</i> 7	The tollow	ma Drocedures Showld
be followed: (1) Pull applicable), Stand back 3) Squeeze lever or T	8 féet,	aim at t	he base of	the fire.
3) Squeeze lever or 7	trigger an	d Sweep	) side to	Side
R	member	to chec	K pressu	re gange
weekly and ask time for a 5	emember for re the extinuous nds for	Fills w	hen nee de	d. Discharge
and 8 to 12 secon	nds for	a 2/2 1	b. unit.	The fire will
appear to grow 1	arger at	first,	however	, continue
To discharge the a	entents,	to begin	suppressi Outting	ng agent,
		**************************************		
COMMENTS:				
<b>-</b> /	7	O	-1	1 1 0 11
Inspector T	y Cane	L Bryan	T remm	ded Mike.
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certitied 1by Bt	K Const.	/to ope	vate egu	ipment.
		1 1/2		
	- CONTE	ACTOR'S	LIDEDTNITEND	AFNT.
	GC. (11   17	TOIUN O S	>~!\!\!\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- I - I

, INSP	ECTORS QU	ALITY SI	JRANCE R	EPORT (	(QAR)		THE OCR WILL WITH THE GAR	BE ATTACHED TO	OR FILED
	DAILY LOG	OF CUNST -ER 415-1		- CIVIL			REPORT NUMBER		
		(EN 415-1-	-302) 					77	
το Area Eng			COPY	TO: C/	Const. Di	v.	DATE F1	riday	
CELMN-CI		·	1 177 - 1 - 1 - 1	CF	ELMN-CD		<u>03 Ma</u>	arch 1995	
Mirabaau A	Pontchartra ve. to Leon	in, La. an	d Vicinity	y, Londo	on Ave. Ca	inal,	CONTRACT NUMB		
CONTRACTOR (O	hired labor) B &	K Constru	ction Com	nany Tr	isii, Loui	siana.	WEATHER	94-C-0079	
		ghway 59,						Cloudy & Co	.01
		HEDULED DAY SU					iaiciy	TEMPERATURE	01
STRUCTURAL EXCAVATION 50 %	BORROW	EMBANKME	VT CONCE	ETE	STRUCTURE		MINIMUM	MAXIMUM	
50 %	EXCAVATION 50	% 5	50 %	50 %	5	0,	48°	68°	
HAS ANYTHING	DEVELOPED ON TH	3E 1400BK 1484644	MOLET				24	HOUR PRECIPITATION	ON
	NGE ORDER OR FI		MIGHI X	3: NO	YES (Expla	HLI)	INCHES	ENDING	
	NUMBER OF COL	VERNMENT EMPLO	OVEEC				0.10"	0730	N
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		Canal FEET		
			1-8 hrs	1-8 hr	_		1.30'	0800	
NUMBER OF	CONTRACTOR'S E	MPLOYEES			NUMBER O	F SHIFTS	<b>⊠</b> ¹ □ 2	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	то	FROM TO	
2-16½ hrs	5-41 hrs	9-63 hrs	16-120½	0700	1600 M	М.	M	м	M
Attach list of th Note: If the co	e following: (a) Ma ontractor's Quality Co	or items of equipmontrol Report (QCR	ent either idle or ) contains the info	working, and ormation it ne	(b) Number and led not be repeat	classification ( ted.	of contractor person	nel onsite.	
CONTRACTOR/SU	BCONTRACTORS A	ND AREA OF RES	PONSIBILITY FOR	NORK PER	FORMED TODAY	Y			
<ul> <li>B &amp; K C</li> </ul>	onst. Co.,	Inc REI	NFORCED C	ONCRETE	FLOODWAL	L; SHEET	PILES		
b. Gill's	<u>Crane Servi</u>	ce, Inc	TEMPORAR	Y FLOOD	PROTECTIO	ON			
	ce Co W								
nee ren	<u> </u>	OODLIV I KIVI	IOI ILMOL						
<ul><li>a) Wrecked</li><li>mats for Es</li><li>unloaded s</li><li>b) Cut-off</li></ul>		East Mono 54; Cured E piles. Z-10 sheet	#156; Set East Monos piles at	forms : #151, #	for East 1 #155 & #15 6.75' betw	Mono #15 56 with ween EB/	4; Set wall wet burlene L 105+35 an	stem reste ; Rec'd and	
Days of no work an	d reasons for same:								
	ys lost due ys lost due			_					
		s for delays and ext						_	
	ressive work for details	_	ormed by B	un, 011.	I and Ace	rence C	o. this dat	e. See atta	ched
Minor prog	ressive wor	_	ormed by B	u., 011					
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Minor prog CQC Report DATE SET	ressive worl	s. CION: 22	2 MAR 96		PE	ERCENT PI	ROJECT COMP	LETE:9.	6%

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

WOODEN FENCE: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Observed B&K removing forms from East Mono #156. No honeycombs or broken fractured fins were noted, only few pin-holes were noted in surfaces of East Mono #156. Noted that B&K was curing East Monos #151, #155 & #156 with wetted burlene. Observed B&K installing previously tied resteel wall stem mats for East Mono #154 this date. Noted that B&K also set F/S forms for East Mono's #147 & #149.

STEEL SHEET PILES: B&K rec'd and unloaded 56 pcs of CZ-101 X 21'-9" sheet piles this date, on the P/S slope of the existing west levee, south of R. E. Lee Blvd.

TEMPORARY FLOOD PROTECTION: Observed Gill cutting off existing RZ-10 sheet piles at approx. elev. +6.75 for temporary flood protection, between East B/L Sta's 105+35 and 106+30. Did not remove the cut-off sections due to not having a crane operator.

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

 $\underline{\text{NOTE}}$ : Checked all heat numbers on sheet piles delivered to jobsite on Thu. & Fri., 02 & 03 Mar 95. All were found to be in accordance with the QC Certificate from Casteel.

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

QAR, Z. Bryant instructed CQC Rep's M. Tassin and J. Justice to keep adjacent streets and bridges free of tracked mud and debris. Contractor will be required to use whatever means necessary to keep streets and bridges clean. Messrs. Tassin and Justice agreed to keep all streets and bridges clean.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

 $\underline{\text{NOTE}}$ : Ace Fence Co. completed the installation of the wooden privacy fence on the North, South and West sides of the North Staging Area (located between R. E. Lee Blvd. and Leon C. Simon Blvd.), and installed 3-Wooden Gates.

NOTE: Mr. Danny Braud of 5245 Pratt Dr. complained & woulnd't allow Contractor to trim the trees behind his house that extend over the existing west levee at approx. WB/L 83+00. Contractor Braud to file his complaint with Mr. S. Spencer of the Orleans Levee Board. Contractor's Quality Control Report (submitted/morrysubmitted) for this (date/period).

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

7 hrs.

QAR

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

Checked and found slings being used to unload sheet piles this date, to be in very good condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

AND DISPERSOR'S INITIALS

DATE

SUPERVISOR'S INITIALS

DATE

3/14/56

### CONTRACT NO.: DACW29-94-C-0

QAR #\_\_\_\_\_77

DATE: Fri. - 03 Mar 95

\* Corrected Percentages due to an error in the calculations.

Item No.	orrected Percentages due to an er  Description	Contract Quan <b>tit</b> y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.5%	-0-	61.5%	61.5%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	*12.9%	-0-	*12.9%	*12.9%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.4%	-0-	2.4%	2.4%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	*12.9%	-0-	*12.9%	*12.9%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

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

DATE: 03/03/95 REPORT NO.: 105

SKIES: Pt. Cloudy RAIN: 0.10 IN. TEMP.: 48 MIN 68 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.3) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters set Wall Forms at East Monolith #154. Wrecked I-Wall Monolith #156 at 12:30 PM (poured yesterday). (Wall Re-Steel Curtain tied previously by ARCADIA REBAR was tied in place by B & K CONSTRUCTION). Expansion Joints, Waterstops, Chamfer Strips, and Tie Bolts were installed. Set Canal Side Wall Forms at East Monoliths #149 and #147. No Concrete was placed today. Laborers wet down Burlene and oiled Forms prior to setting them in place. Operator unloaded new CZ-101 Steel Sheet Piling on the West Bank. See "Materials Received" Section for more details (Page #2).

GILL'S CRANE SERVICE - Cut existing Frodingham Sheet Piling off at elevation 6.75 on the East Bank from Station 106+30 to Station 105+35. These Sheets were not removed yet; Crane operator did not show up.

BAYOU TREE SERVICE - Trimmed tree branches on the West Bank between Mirabeau and Filmore Avenues. Completed tree trimming work at this reach except for the last 150' near Filmore Avenue (see "Remarks" Section on Page #4).

ACE FENCE COMPANY - Installed wooden Privacy Fence at the two remaining Swing Gates at Pratt Drive and Robert E. Lee Blvd. Office Compound. This completes the 6' Privacy Fence work required (three sides only).

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

. DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	3	5	14.000
Komatsu D37P Dozer		Yes	2	6	wpor
Kubota 151 Excavator	~~~	No	0	8	
Case 580 Backhoe	<b>v</b> ~	Yes	3	5	
Koehring 535 Crane		No	0	8	
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader	~~~	No	0	8	- Jan
Komatsu 200 Excavator 2		No	0	8	water
Fiat-Allis MotorGrader	w.w.	Yes	2	6	чуда
Mantis 3612 Crane		Yes	8	0	V

#### MATERIALS RECEIVED

Received 28 pairs (56pieces) of new CZ-101 Steel Sheet Piling, 21'-9" long, from CASTEEL/SKYLINE STEEL today. Material was found to be free of defects in material or workmanship. Handling holes were provided 4" from each end of each piece of CZ-101. Heat numbers, Piling type and length were painted on each piece of CZ-101 Steel Sheet Piling. This material was stacked on the Land Side slope of the Levee (West Bank) near Station 118+00.

\9402\QCRPT2 PAGE 2 OF 4

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected the condition of the I-Wall Forms today. Plywood Panels were still in like-new condition. Some of the Joints could be aligned better, however, no more than 1/4" misalignment was noted on any of the Form Panels. Cement Finishers will patch & repair these joints and depressions caused by bolts and screws.

Inspected Temporary Flood Protection work done today. No gaps or breaks were observed below elevation 6.75. Existing Frodingham Sheet Piling were cut off at the required elevation of + 6.75 to accomplish this work.

Inspected the Tree trimming work done today by BAYOU TREE SERVICE on the West Bank. Only tree branches hanging over the Construction Servitude and Safety Fence were trimmed back, and then only to the minimum distance at which we can work. The complaints registered by Mr. Danny Braud (resident) will be considered, but we can see no alternative except to remove all branches in the way of the Crane work.

TESTS PERFORMED

(As required by plans/specifications)

None today.

\9402\QCRPT3 PAGE 3 OF 4

	CONTRACTOR/SUBCONTRACTORS F									
NO .	TRADE	HOURS	COMPANY							
6	Unskilled	48	B & K	Wrecking, cleaning, oiling, and						
4	Skilled	34	·	setting I-Wall Forms; Tying I-Wall						
1	Supt.	8.5	n n	Re-Steel; Curing I-Wall Concrete;						
1	Q.C.Rep.	8	ı u	Unloading new CZ-101 Sheet Piling						
1	Skilled	7	GILL'S CRANE	(See locations on Page 1.) Cutting off existing Sheets for Temporary Flood Protection. (See						
3	Unskilled	15	BAYOU TREE	location on Page 1.) Trimming trees on the West Bank. (See location on Page 1.)						

JOB SAFETY

(Note inspection, violations/actions taken)

Checked Flagmen at Robert E. Lee Blvd. for Orange Vests and Flags. Workers wore the Vests only when in the roadway directing traffic. 18" x18" Orange Flags were used to stop and direct traffic.

Gates were locked at the end of the day to keep people off the Levee and out of the work area.

#### REMARKS

(Instructions received, miscellaneous remarks)

The Resident at the corner of Filmore Avenue and Pratt Drive complained about the tree trimming work being done behind his property (Mr. Danny Braud). Mike Tassin stopped our subcontractor from doing any more tree trimming for the present time. We will consult with the Orleans Levee Board before proceeding.

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.

Authorized Q C Representative

03/06/95

Date

\9402\QCRPT4

PAGE 4 OF 4

INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL  (ER 415-1-302)  THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR REPORT NUMBER														
76 Area Engineer, COPY TO: C/Const. Div. DATE Thursday														
CELMN-CD	-NO				C	ELM	N-CD				ursda arch	-		
PROJECT Lake	Pontchartra	ain, La. an	d Vi	cinity	, Lond	on	Ave. Ca	nal,		CT NUME	BER			
Mirabeau Av	e. to Leon	C. Simon B	lvd.	, Orle	ans Pa	ris	h, Loui	siana.		CW29-	94-C-	0079		
CONTRACTOR (Or									WEATH					,
		ghway 59, i				_/0	440		C	loudy		o1 RATUR		
STRUCTURAL	BORROW	EMBANKMEN		CONCR		ST	RUCTURE		MINIMU	<u></u>		CIMUM		
EXCAVATION 50 %	EXCAVATION 50	<b>%</b> 5(	) <b>%</b>		_50 <b>%</b>		50	*		44°	,		2°	
1140 41900 9100		.=		_						24	HOUR F	PRECIPI	TATION	
	DEVELOPED ON TH NGE ORDER OR FI	IE WORK WHICH I NDING OF FACT?	AIGHT	X	NO E		YES (Explai	iri)	INCHES		ENG	DING		
	NUMBER OF CO.	VERNMENT EMPLO	VEER							.00"	07,50	07		M
SUPERVISORY	OFFICE	LAYOUT		CTION	TOTAL	_	LABOR		FEET	Canal	TIM			
			$ _{1-11}$	l hrs	1-11 1	hrs				.50'	'''	080	00	м
NUMBER OF	CONTRACTOR'S E	MPLOYEES					NUMBER OF	F SHIFTS	(3) 1	_ 2				
SUPERVISORY	SKILLED	LABORERS	TOTA	_	FROM	- 1	o	FROM	TO		FROM		TO	
2-22 hrs	7-68 hrs	6-62 hrs		-153	0700		1830 M	M	<u> </u>	<u> </u>	L	<u> </u>		<u>M</u> _
Attach list of the Note: If the co	e following: (a) Ma ntractor's Quality C	or items of equipment of Report (QCR)	ent eith contail	er idle or i	working, and ormation it n	i (b) i eed n	Number and o not be repeat	classification ( ed.	of contrac	tor persor	nei onsii	e.		
CONTRACTOR/SUE	BCONTRACTORS A	NO AREA OF RESE	PONSIB	ILITY FOR	WORK PE	RFOF	RMED TODAY	ſ.						
a B&KC	onst. Co	Inc RE	INFOR	RCED C	ONCRETI	E F	LOODWAL	L						
		ce, Inc												
	ording Dervi	ice, Inc.	1101	.i onan	1 1001		COLLOIT	011						-
c														-
a) Set form #156; Set w and unloade	WORK PERFORMED TODAY (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors buy letter in Table above)  a) Set forms & chamfer strips for East Mono #156; Poured & vibrated concrete for East Mono #156; Set wall stem resteel mats of East Mono #156; Curing on East Monos #151 & #155; Rec'd and unloaded sheet piles on L/S levee slopes. b) Cut-off existing RZ-10 sheet piles between EB/L Sta's 106+30 and 108+50													
Days of no work and reasons for same:														
	100% of day lost due to adverse weather/wet ground conditions on 01 Mar 95. 50% of day lost due to adverse weather/wet ground conditions on 02 Mar 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 for details.														
														•
DATE SET	FOR COMPLET	TION: 22	MAR	96				RCENT PI					9.6% 33.9%	_
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTO	ONS GIV	VEN:										
Attended t	he followin	ng CQC Inspe	ectio	on Pha	ses th	is	date:							
REINFORCED CONCRETE FLOODWALL: No instructions issued.														
TEMPORARY FLOOD PROTECTION: No instructions issued.														
· IEFFORART FLOOD FROTECTION. NO INSTRUCTIONS ISSUED.														
				,										
	•													

### RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES The following Follow-Up QA Inspections were performed this date: REINFORCED CONCRETE FLOODWALL: Observed the installation of I-Wall forms for East Mono #156, between approx. EB/L Sta's 117+29.10 & 117+57.96. Checked and found alignment to be in accordance with plans and approved shop drawings. Checked elev's of chamfer strips along the top of East Mono #156, and for them to be set at elev. +14.40' (P/S) and +14.38' (F/S). Performed Pre-Placement Inspection on East Mono #156 (see attached LMN Form 1246). Observed placement and vibrating of concrete into forms for East Mono #156. Concrete receiving adequate vibrations. Witnessed Lafarge Concrete Rep. performing required concrete test and molding 3 test cylinders (see back of LMN Form 1246 for test results). Checked and found burlene being kept thoroughly wet on East Mono's #151 and #155 for curing purposes. TEMPORARY FLOOD PROTECTION: Observed subcontr. cutting off existing RZ-10 sheet piles between EB/L Sta's 106+30 & 107+75, then removed cut-off sections of sheet piles between EB/L Sta's 106+30 & 108+50. All piles were cut-off at approx. elev. +6.75' as required for temporary flood protection. SHEET PILES: Contractor rec'd 342 pcs of CZ-101 X 20'-3" and 130 pcs of CZ-101 X 21'-9". All sheet piles were stored on the L/S toes of the existing levees at proposed locations. VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR (Include names, reactions and remarks) NONE CONTROVERSIAL MATTERS IN DETAIL. NONE INFORMATION, INSTRUCTIONS OR ACTIONS TAKEN NOT COVERED IN OCR REPORT OR DISAGREEMENTS. NOTE: Ace Fence Co. installed 1-wooden gate over existing chainlink gate at the North Staging Area this date. Will complete remaining two (2) gates on Fri., 03 Mar 95. REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE DUTIES DESIGNATION HRS. ON SITE NAMES QAR Const. Insp., GS-07 10 hrs. Z. BRYANT SAFETY (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Checked and found back-up alarms working properly on all concrete trucks being used this date to deliver concrete to jobsite. No safety infractions were noted this date. Contractor held Weekly Safety Meeting on site this date. See attached minutes for topics discussed.

INSPECTOR'S SIGNATURE DATE

SUPERVISOR'S INITIALS

DATE

3/14/96

QAR #\_\_\_\_\_76

DATE: Thu. - 02 Mar 95

Item	Paraminhian	Contract	Estimated	Placed	Placed	Placed	%
No.	Description	Quantity	Quantity	Prev.	Today	To Date	1 '
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	9.9%	3.5%	13.4%	13.4%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.1%	0.3%	2.4%	2.4%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	<sup>2</sup> ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	9.9%	3.5%	13.4%	13.4%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

	FORM CHECK OUT		STRL REINF	URES ORCED CONCRETE	FLOODWALL	
JOB Lake Pontchartrain, <u>Canal, Mirabeau Ave</u> MONOLITH   LIF	. to Leon C. Simon		D.	ACT NO. ACW29-94-C-0079   DATE OF	POUR	
EAST # 156	_		%' to /		2-95	
	INSPECTED B	Y CONTRA	CTOR	REVIEWED	BY C.O.E	•
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
A. SHEET PILING	m Justice	3-2-95	2:45 PM	303	3-295	1500
VERTICAL		/1	"		V	-
ALIGNMENT		11	le .	V .	~	
CLEANLINESS		/1	"	V		
B. CONCRETE PILING	NA	MA	N/A	N/A	N/A	NIA
ANGLE	11	//	11	"	"	4
HEADS	"	"	11	"	"	4
C. STAB. SLAB/JOINTS	Im Justice	3-2-95	2:45 Pm	<i>₹0</i> 8	3-2-95	1500
CLEANLINESS		11	11		~	~
WATERED		11	17	/	~	
WATERJET (JOINT)	NIA	N/A	N/A	N/A	N/A	N/A
D. STEEL REINFORCING	Im Justice	3-2-95	2:45 Pm	3113	3-2-95	1505
VERTICAL		11	"		~	~
HORIZONTAL	. /	"	μ	V .		<b>/</b>
SPACING	~	11	n ·	· /		
CLEARANCES		"	ч			
STEEL SCHEDULE		11	/1			
SHOP DRAWINGS .	~	"	"			<u> </u>
TIE WIRES		11	u ·	V		
#6 BAR WELDED	V"	"	//			/
CLEANLINESS		. 11	. "			
WATERED *		119	111			
FORMWORK	Im Instice	3-2-95	2:50 Pm	303	3-2-95	1505
CONDITION		"	· · · ·	· · ·		

CLEANLINESS  II	1		-FINSPEC	TED BY	Y CONT	RACT	OR		ŔEVIEWED	BY C.O.E.	•
ALIGNMENT  CLEANLINESS  II II II	ITEM	· -:	NAME 1	777	DATE	T	IME	1	IAME	DATE	TIME
RELEASING AGENT  TIES AND BOLTS  """  """  WIDTH 1.75' to 1.00  """  """  WATERSTOPS  """  CHAMFER STRIPS  """  WEATHER PROTECTION  TO Justice 3-2-95 2:50 Pm 2NB 3-2-95 15/5  SAFETY (LIST)  Description of the protect		)	m justice		3-2-9	5 2	:50P	in	AB-	3-2-95	1510
TIES AND BOLTS  LENGTH 28.83'  WIDTH 1.75' to 1.00'  HEIGHT 12.40'  WATERSTOPS  CHAMFER STRIPS  WEATHER PROTECTION  MEATHER STRIPS  MEATHER PROTECTION  MEATHER STRIPS  MINIMATER 3-2-95 2:50 fm 31/3 3-2-95 15/5  MEATHER PROTECTION  MEATHER PROTECTION  MEATHER STRIPS  MEATHER PROTECTION  MEATHER STRIPS  MEATHER PROTECTION  MEA	CLEANLINESS		/		11		11				
LENGTH 28.83'	RELEASING AGENT				11		1/				
WIDTH 1.75' to 1.00  HEIGHT 12.40'  WATERSTOPS  II II  WATERSTOPS  III III  WEATHER PROTECTION  MEATHER PR	TIES AND BOLTS		/		11		11		~	-	
HEIGHT 12.40'  WATERSTOPS  CHAMFER STRIPS  WEATHER PROTECTION  MEATHER PROTECTION  MEA	LENGTH 28.83'		/		11		1/				
HEIGHT   12.40'	WIDTH 1.75' to 1.00'			•	1)		11	· .	~		/
CHAMFER STRIPS  . WEATHER PROTECTION  . WEATHER PROTECTION  . SAFETY (LIST)  . SAFETY (LIST)  . SAFETY GLASSES   2. RIGGING CHECK  3. LADDER & LAFFOLD  OTHER CHECKS PER  SPECIFIC JOB  EXPANSION MATERIAL  . EQUIPMENT USED  NO. TYPE TIME HOURS  MAUTIS CRANE  1 436/2 15/5 3  CONCRETE BUCKET  1 1/2 CY 15/5 3	UEICHT				11		n,				
. WEATHER PROTECTION   m Justice 3-2-95 2:50 Pm   3-2-95   15/15  . SAFETY (LIST)   m Justice 3-2-95 2:50 Pm   72/13- 3-2-95   15/15  1. SAFETY GLASSES	WATERSTOPS				11		11		~		
SAFETY (LIST)  In Justice 3-2-95 2:50 pm  1. SAFETY GLASSES  1. SAFETY	CHAMFER STRIPS				11		11				
1. SAFETY GLASSES  1. 11  2. RIGGING CHECK  3. LADDER & SAFEOLD  OTHER CHECKS PER  SPECIFIC JOB  EXPANSION MATERIAL  11  11  11  11  11  11  11  11  11	. WEATHER PROTECTION		Im Juste	à	3-2-9	5 2	L:50 P1	n	32/3	3-2-95	1515
1. SAFETY GLASSES  2. RIGGING (NOCK  3. LADDER & SAFFELD  OTHER CHECKS PER SPECIFIC JOB  EXPANSION MATERIAL  11 11  11 11  TABLE  3-2-95 2:5041  3-2-95 2:5041  TYPE  TIME HOURS  NO. TYPE TIME HOURS  MANTIS CRANG  1 #36/2 /5/5 3  GIVERETE BUCKET  1 1/2 CY /5/5 3	. SAFETY (LIST)		Im Justi	æ	3-2-95	- 2	:50 fm		72/8	3-2-95	1515
2. RIGGING CHECK  3. LADDER & SAFFROLD  OTHER CHECKS PER SPECIFIC JOB  EXPANSION MATERIAL  TYPE  TIME  HOURS  NO. TYPE  TIME HOURS  MANTIS CRANG  1 1/2 CY 15/5 3	1. SAFETY GLASSES				//		1/		<u> </u>		
OTHER CHECKS PER SPECIFIC JOB  Impartie 3-2-95 2:504n 30.2 3-2-95 1515  EXPANSION MATERIAL  II II  EQUIPMENT USED  NO. TYPE TIME HOURS  NO. TYPE TIME HOURS  MANTIS CRANG  I #36/2 /5/5 3  GINCRETE BUCKET  I 1/2 CY 15/5 3					ti		1.1		~	<u> </u>	
EXPANSION MATERIAL  EQUIPMENT USED  NO. TYPE TIME HOURS  NO. TYPE TIME HOURS  MANTIS CRANG  1 436/2 15/5 3  GIGGRETE BUCKET  1 1/2 CY 15/5 3					- 1		17				
EQUIPMENT USED NO. TYPE TIME HOURS NO. TYPE TIME HOURS  MANTIS CRANG 1 #36/2 /5/5 3  GNORFITE BUCKET 1 1/2 CY 15/5 3	· SPECIFIC JOB		Im Justi	<u>e</u>	3-2-9	5 2	: 5041	n	7013	3-2-95	1515
MANTIS CRANG 1 #36/2 15/5 3 CONCRETE BUCKET 1 1/2 CY 15/5 3	EXPANSION MATERIAL				- 11						
CONCRETE BUCKET 1 11/2 CY 1515 3	. EQUIPMENT USED	NO.	TYPE	MIT	E HO	URS		NO.	TYPE	TIME	HOURS
CONCRETE BUCKET 1 11/2 CY 1515 3	MANTIS CRANE	1	#3612	15.	15	3					
		1									
		2				3					

AIR TEMPS = 56° { 56°; 3 Test Cylinders (LA-10) Lafarge Concrete

CONTRACTOR REPRS: , FINAL CLEARANCE

C.O.E. REPRS:

INSTRUCTIONS

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

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

DATE: 03/02/95 REPORT NO.: 104

SKIES: Cloudy RAIN: 0 IN. TEMP.: 44 MIN 62 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.5) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Set I-Wall Forms at East Monolith #156 today. (B/L Station 117+29.10 to Station 117+57.96) Braced off, aligned, & plumbed these Forms, then set Chamfer Strip at elevation 14.40. (Expansion material, vertical Chamfer Strips, and Waterstops were already in place.) Placed Concrete at Monolith #156 (East Bank) at 3:15 PM, then finished the top of the Concrete and covered with wet Burlene. ARCADIA REBAR did not show up today, so B & K CONSTRUCTION'S carpenters tied Wall Curtain in place at Monolith #156 prior to placing Land Side Form. An operator & three laborers unloaded new CZ-101 Steel Sheet Piling delivered from Casteel today. Laborers cleaned mud & debris off of the street and bridge at Robert E. Lee Blvd., and wet down Burlene and Concrete Walls at Monolith #151 and #155 (East Bank) throughout the day.

ACE FENCE COMPANY - Installed wooden Fence over one Swing Gate today. Still two more gates left to cover. (Posts had to be re-set and "X" bracing added.)

GILL'S CRANE SERVICE - Cut off existing Frodingham Sheet Piling on the East Bank from Station 107+75 to Station 106+30 at elevation 6.75 for Temporary Flood Protection. Removed cut-off Sheet pieces from Station 108+50 to Station 106+30 and stacked them on the Canal Side of the existing Frodingham Sheets.

\9402\QCRPT1 PAGE 1 OF 4

#### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	·	Yes	8	0	
Komatsu D37P Dozer		Yes	2	6	
Kubota 151 Excavator	- App date	No	0	8	****
Case 580 Backhoe	New Arr	Yes	2	6	vi
Koehring 535 Crane	- Ameri	Yes	4	4	
MKT Vibro Hammer		No	0	8	V2~
Kobelco LK 500 Loader	7-var	No	0	8	
Komatsu 200 Excavator 2	V/200	No	0	8	~~ ~
Fiat-Allis MotorGrader		No	0	8	-11-21
Mantis 3612 Crane		Yes	8	2	47.00

#### MATERIALS RECEIVED

Received 19.5 cubic yards of Concrete Mix #44 from LAFARGE CONCRETE today, and placed this material in East Monolith #156. The Monolith only measured † 17.5 c.y. capacity - the 1st two trucks must not have had 18 cubic yards on board. Approximately 3/4 of a yard was left over out of the last truck.

Also received 171 pairs of new CZ-101 Steel Sheet Piling 20'-3" long, and 65 pairs of new CZ-101 Sheets 21'-9" long from CASTEEL today. These were unloaded in their respective positions on the Land Side slope of the Levee. Q.C. Certificates and Test Reports were supplied to the Government for all Sheet Piling remaining on the job.

\9402\QCRPT2

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

Inspected new CZ-101 Steel Sheet Piling received today. Heat numbers were checked against the CASTEEL Q.C. Certificates and verified. Interlocks were all in good condition, and lengths of Piling were checked as well. No deficiencies were noted during my inspection of the Sheet Piling delivered today. (CASTEEL Heat Numbers and Pile lengths were painted on the sides of each Piling).

Inspected the Re-inforcing Steel tied at East Monolith #156 today. The correct number of vertical and horizontal bars were in place and tied 100%. Spacing and clearances were also correct at this Monolith.

Inspected placement of I-Wall Concrete. Trimmies were used to keep the vertical drop less than 5'. Vibrators consolidated each 18" layer of Concrete. Placing time was 2 hours 45 minutes, only because LAFARGE shorted us on the 1st two truckloads, and a re-order was necessary.

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

LAFARGE CONCRETE COMPANY'S Quality Control Representative performed Concrete Tests today on Mix #44 used for I-Wall Monolith #156. DELTA TESTING could not send a technician today. Slumps and Air Contents were recorded as follows:

SLUMP - 4 3/4" and 4 3/4"

AIR CONTENT - 5.6% and 5.5%

\9402\QCRPT3 PAGE 3 OF 4

	ONTRACTOR/SUBCONTRACTORS () AREAS OF RESPONSIBILITY									
NO	TRADE	HOURS	COMPANY							
6 5 1	Unskilled Skilled Supt. Q.C. Rep.	63 52 11 11	B & K " "	Setting I-Wall Forms; Placing I-Wall Concrete; Curing I-Wall Concrete; Curing I-Wall Concrete; Unloading new CZ-101 Sheet Piling.						
2	Skilled	16	GILL'S CRANE	Cutting off existing Sheet Piling for Temporary Flood Protection. (See location above.)						

JOB SAFETY (Note inspection, violations/actions taken)

Checked 4 way Spreaders and Sorting Hooks used to unload Steel Sheet today. No excessive wear or defects were found. Workers wore Hard Hats, Steel Toe Boots, and Leather Gloves, while unloading pairs of Sheet Piling today.

Flagmen stopped traffic for trucks and equipment at Robert E. Lee Blvd. today, and for laborers while cleaning the streets.

#### REMARKS

(Instructions received, miscellaneous remarks)

New CZ-101 Sheet Piling did not arrive with proper Bills of Lading today. PACKARD TRUCK LINES will forward this to B & K CONSTRUCTION tomorrow. We are in the process of getting certified to perform our own Concrete Tests on the job site, so that we won't be dependent on DELTA TESTING to do this part of the work.

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

Authorized C Representative Date

\9402\QCRPT4 PAGE 4 OF 4

#### MINUTES OF SAFETY MEETING

DATE: 3-2-95	TIME: 7:00 Am
PROJECT: Landon Ave. Cano	I Floodwall
MEETING CONDUCTED BY: Jerry	Justice
PERSONS ATTENDING:	
Jest Justice	Wille Dyllon
Kaymens Rafrance	apply seen
Harry J. Key	Wike Comercy
Bryan Verdyn.	
Kerin Vufaueland	
TOPICS DISCUSSED:	
Discussed traffic	control methods, and
reminded of the hazards of	crossing Robert E. Lee Blud.
near the Condon Ave, Cana can not see pedestrians	in the road soon enough
to stop in time. Look be crossing, and allow plenty	of the to cross
Flagmen m	ust wear grange Nests
get their attention who	y directing traffic.
men provided as soon as	trucks arrive at the
entrance to the live a	cus roads.
COMMENTS:	
Employees were	instructed to Keep
the scaffold platform clear	of loose materials and
which could lead to a dea	revials from being Knocked
off and striking someone	below. Other work
and debris that would fice	use tripping and falling.
// 4	DO /1
CONTRACTO	DP'S SUBSTITUTION

INSP	ECTORS QU						(QA	R)		THE OC	WILL E QAR	BE ATTACH	ED TO	OR FILED
	DAILY LOC	O			TION .	- CIVIL	-	·		REPORT N	JMBER			
			(ER 415-1-	302)						,		75		
TO Area Eng	rineer				COPY	TO: C/	/Co	nst. Div	<i>y</i> .	DATE TI	iesda	y & Wed	nes	day
CELMN-CE					0011			N-CD	• •			•		ch 1995
PROJECT Lake	Pontchartra	ain	, La. and	l Vi	cinity	, Londo	on .	Ave. Car	nal,	CONTRACT				
Mirabeau Av	re. to Leon	С.	Simon B.	<u>lvd.</u>	, Orle	ans Par	ris	n, Louis	siana.	DAC	J29-9	94-C-00	79	
CONTRACTOR (Or	hired labor) B	K	Construc	ctio	n Comp	any, Ir				WEATHER	C1c	udy wit	h R	ain `
	1905 Hi	igh	way 59, i	iande	eville	, La.	70	448		to	_Clc	udy and	L Co	o1
	PORTION OF SC	HED										TEMPERAT	URE	
STRUCTURAL	BORROW EXCAVATION		EMBANKMEN	ıΤ	CONCR		ST	RUCTURE		MINIMUM		MAXIMU		
EXCAVATION 0/0 %	0/0	%	0/0	<u> </u>	0	<u>/0 %</u>		0/0	%	48	} °		68°	
		. <b>-</b>	1001/ 14# HOLL 1	40.17	_		_	¥55.5			_	HOUR PREC	JPITA1	ION
	DEVELOPED ON TI NGE ORDER OR FI			MGMI	ĸ	k NO	u	YES (Explain	n)	INCHES 1		ENDING		
										1.9		27,52,07,	073	<u>0</u>
SUPERVISORY	NUMBER OF GO	_	OUT		ECTION	TOTAL		LABOR		FEET	anaı	RINER STA	GE	
SUPERVISORY	OFFICE	۳)	1001		hrs	1-8 h		LABOR		1.7	70.1	TIME	080	
MINDED OF	CONTRACTOR'S E	LADI A	OVEES	1-0	nrs	1-0 11	LS	NUMBER OF	SHIFTS	<u> </u>	<u> </u>	<u> </u>	000	<u> </u>
SUPERVISORY	SKILLED	_	BORERS	TOTA		FROM	Tī	0	FROM	T 10	<u> </u>	FROM		ro
2-19 hrs	7-64 hrs	6-	-59 hrs	15-	-142	0700	- 1	1700 M		<u> </u>	м		ш	M
		_												
Note: If the co	ne following: (a) Ma contractor's Quality C	ontro	ems of equipm Report (QCR)	contai	ns the info	working, and ormation it n	eed n	ot be repeate	d.	n ot contractor	person	nei onsile.		
CONTRACTOR/SU	BCONTRACTORS A	AND A	AREA OF RESI	PONSIE	HLITY FOR	WORK PE	RFOF	MED TODAY	,					
	Const. Co.,						<u>E 1</u>	LOODWAI	ıL					
b. <u>Arcadia</u>	Rebar, Inc	<u></u>	- REINFO	RCI	IG STE	EL								
C.														
									-					
	IED TODAY (Indica													
No work wa	s scheduled	01	r periorm	ied (	on Tue	s., 28	ret	95, 1r	ı obser	vance of	Mar	di Gras	ра	у.
The follow	ing work wa	ıs p	performed	on	Wed.,	01 Mar	ch	95:						
	forms from													
b) set and	tied reste	e1	of botto	ms c	of Eas	t Mono'	s i	154 & 1	‡156; I	ied exti	a wa	ll stem	ı ma	ts.
Days of no work an	nd reasons for same	:												
100% of da	ys lost due	to	adverse	wea	ther/	wet gro	unc	l condit	ions o	n 13, 17	7 & 2	8 Feb 9	15 a	nd 01
Mar 95.						J				ŕ				
50% of da	ys lost due	to	<u>adverse</u>	wea	ther/	wet gro	unc	condit	ions o	n 14,15	<u>16</u> δ	20 Feb	95	
Information on proj	gress of work, cause	s for	delays and ext	ent of c	ielays, Pla	nt, material,	etc.							
	sive work w													
•	nd rain. Mi				erform	ed by B	&K	and Arc	cadia c	n Wed.,	01 M	Mar 95.	See	
attached C	QC Reports	for	details	· .				DE	D.CERTON :		aora.	- מחת	^	- F 67
D. 1777	BOD GOVERN	n+^	<b>.</b> .							PROJECT				5%
DATE SET	FOR COMPLE	110	N:2	22 MA	IR 96			PE	KCENT	TIME ELA	roed	<u>-                                      </u>		.7%
COC INSPECTION	PHASES ATTENDE	D A	ND INSTRUCTION	ONS GI	VEN:									
T. COC T.					T	00 1	0.1			1		C	4	

No CQC Inspections were attended on Tue., 28 Feb 95, due to no work being performed.

Attended the following CQC Inspection Phases on Wed., 01 Mar 95:

REINFORCED CONCRETE FLOODWALL: No instructions issued.

REINFORCING STEEL: No instructions issued.

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

The following QA Inspections were performed on Wed., 01 Mar 95:

REINFORCED CONCRETE FLOODWALL: Checked and found East Mono's #151, #155, #158 and #160 were all covered with wetted burlene as required for curing purposes. Observed B&K removing forms from East Mono #155, and checked for surface defects. Found few pin holes, but no broken fractured fins or honeycombs. Observed finishers rubbing surfaces of East Mono #155. No other work performed this date, due to wet ground conditions.

REINFORCING STEEL: Observed Arcadia rodbusters setting and tying resteel for the bottom sections of East Mono's #154 and #156 this date. All resteel set and tied is accordance with approved plans and shop drawings. Rodbusters also tied two (2) wall stem mats on F/S of new floodwall, these will be installed at a later date as needed.

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

NOTE: No QA Inspections were performed on Tue., 28 Feb 95, due to no work being performed by Contractors in observance of Mardi Gras Day.

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:

 $\overline{\text{NOTE}}$ : Ace Fence Co. installed 4X4 treated post behind the newly installed wooden fence at the north staging area, between R. E. Lee Blvd. and Leon C. Simon Blvd. this date, at the request of Boone Kenyon of B&K. This was being performed to held support the wooden fence during high wind conditions.

NOTE: Also received B&K's CQC Report for the period of 25, 26 & 27 Feb 95. See attached.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES DESIGNATION

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

7 hrs. (Wed)

QAR

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

Checked and found that rodbusters were wearing safety glasses, leather gloves, steel-toed work boots, and hard hats.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

AND SUPERVISOR'S INITIALS

DATE

3/14/56

CONTRACT NO.: DACW29-94-C- 0

QAR #\_\_\_\_75

Tue. & Wed.

DATE: 28 Feb & 01 Mar 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Сотр
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	9.9%	-0-	9.9%	9.9%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0:-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	2.1%	-0-	2.1%	2.1%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	<sup>2</sup> ,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	9.9%	-0-	9.9%	9.9%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0 <b>-</b>	-0-	0.0%

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

DATE: 03/01/95

REPORT NO.: 103

SKIES: Cloudy

<u>RAIN</u>: 1.9 <u>IN</u>. <u>TEMP</u>.: 48 <u>MIN</u> 68 <u>MAX</u>

(Tuesday)

DUST: None

LEVEE CONDITION: Wet CANAL GAUGE: (1.7) NOISE: Moderate

#### WORK PERFORMED/LOCATION

02/28/95 Tuesday - B & K CONSTRUCTION - One man came in to wet down walls and check the jobsite. Monoliths still beign cured are East Bank I-Wall Monoliths #160, #158, #151, and #155. Forms were broken open slightly on #155 to prevent form liner from bonding to the concrete fins. This Wall (#155) also had wet burlene covering the exposed part of the concrete. No other work performed today.

03/01/95 Wednesday - B & K CONSTRUCTION - Carpenters wrecked wall forms at Monolith #155 (East Bank). Too wet for concrete work on the Levee. Laborers covered this Monolith with burlene and wet down walls and blanket. Continued wetting down Monoliths #160, #158, and #151 also. Laborers cleaned and oiled forms. Cement finishers patched & rubbed I-Wall Monolith #155, and worked on chamfered edges at expansion joints. Laborers cleaned dirt off of Robert E. Lee Blvd. and bridge.

ARCADIA REBAR - Tied Reinforcing Steel at I-Wall Monoliths #154 and #156 (bottoms only) on the East Bank. Also tied two Re-Steel wall curtains on the Levee to be placed later.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	was.	Yes	2	6	
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator	~	No	0	8	·anu
Case 580 Backhoe	~~	Yes	5	3	V
Koehring 535 Crane		No	0	8	оция
MKT Vibro Hammer		No	0	8	VW
Kobelco LK 500 Loader		No	0	8	No.do
Komatsu 200 Excavator 2	Van-	No	0	8	Symmetry
Fiat-Allis MotorGrader		No	0	8	unas .
Mantis 3612 Crane	- Constant	Yes	6	2	

#### TESTS PERFORMED

(as required by plans/specifications)

None today.

Copies of Test Reports and Mill Certificates from CASTEEL and WEIRTON STEEL for all remaining CZ-101 Sheet Piling were furnished to Inspector Zane Bryant today. The originals were submitted by Debbie Smith to the N. O. Area Office.

#### MATERIALS RECEIVED

None today.

We will begin receiving CZ-101 Steel Sheet Piling tomorrow at Robert E. Lee (East Bank) for Station 120+49 to Station 126+65. The rest of the new CZ-101 Sheets will arrive within the next 7-10 days. We plan to string out these Sheet Piling where they belong on the Land Side slope of the Levee.

\9402\QCRPT2 PAGE 2 OF 4

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

ACE FENCE COMPANY - Installed 4x4 treated posts behind the new wooden Privacy Fence at the B & K Office Compound today. These posts were added to strengthen the fence against high winds.

Inspected the Erosion Control Silt Fence along the East Bank today. No sign of sediment was observed on the Land Side of the Silt Fence. Inspected the wet curing of I-Wall Monoliths also. Burlene blankets were in place at East Monoliths #160, #158, #151, and #155. Blankets and Walls were wet and laborers were assigned to keep these curing walls wet throughout the day. Inspected the Reinforcing Steel work done by ARCADIA REBAR today at Monoliths top Steel was tied in a mat lying on the Levee windrow (to be stood up & tied in place tomorrow). Spacing was checked and found to be 9" or less on the #6 vertical bars, and 9" on the center on the #5 horizontal bars.

\9402\QCRPT4 PAGE 3 OF 4

#### CONTRACTOR/SUBCONTRACTORS A.J AREAS OF RESPONSIBILITY TRADE HOURS NO COMPANY LOCATION/WORK DESCRIPTION Unskilled 59 Too wet for concrete work; wrecked B & K 5 Skilled 48 I-Wall forms; curing I-Wall Supt. 9.5 concrete; cleaning debris off of 1 Q.C. Rep. 1 9.5 streets. Skilled 2 16 ARCADIA REBAR Tying Reinforcing Steel for I-Wall. (See locations above.)

## JOB SAFETY (Note inspection, violations/actions taken)

Inspected the Safety fence and gates at Robert E. Lee Blvd. Safety fence was continuous, and swing gates were locked at the day's end. "KEEP OUT" signs were clearly posted on each gate.

#### REMARKS

(Instructions received, miscellaneous remarks)

We are requesting a 100% lost day for today due to saturated soil on the Levee. Concrete trucks could not travel down the levee at all today. Other equipment use on the Levee was severely limited today as well.

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.

03/02/95

Authorized Q C Representative

Date

\9402\QCRPT3

PAGE 4 OF 4

A						_								
INSPI	ECTORS QU	ALITY SU	JRAN	ICE RI	EPORT	(QA	AR)		THE C	CR WIL THE QA	L BE AT	TACHED	TO OR FI	LED
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			100 %							2	4 HOUR	PRECIPE		
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	CONTRACTOR'S E						NUMBER O	F SHIFTS	<u>Q 1</u>	2		3		
SUPERVISORY	SKILLED	LABORERS	TOTA	_	FROM	- 1	0	FROM	то		FROM		то	
2-18 hrs	9-68 hrs	7-60 hrs	18-1	146	0700	<u> </u>	1700M		<u> </u>	<u> </u>		М		<u> </u>
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THOIRE IN THE COL	Titractor's Country C	onitor neport (CCn)	COINE	- Institute in the	Amadon it is	990	tor be repeat	ieo.						
CONTRACTOR/SUB	CONTRACTORS A	AND AREA OF RESI	PONSIB	ILITY FOR	WORK PER	RFOF	RMED TODAY	Y						
a B&KCo	onst. Co	Inc RE	INFO	CED C	ONCRETE	я 3	T.OODWAT.	т.						
		ice, Inc												_
					I FLOOL		KOIECII	ON	·					_
c <u>Arcadia</u>	Rebar, Inc	TYING	RES'	CEEL										_
WORK PERFORME	ED TODAY (Indicat	le location and descri	ntion of	wark seda	rmert Refer to	n wa	k neriormesi h	w name wai	or subcontra	ctors buy	letter in	Table abo	va )	
a) Wrecked	forms on Ea	st Mono #1	51; 5	Set fo	rms for	E	ast Mon	o #155	; Poure	d Eas	st Mo	no #1	55; We	e t
cured East 1	Mono's #151	, 158, 160	and	#161;	Rubbed	l s	urfaces	& pat	ched on	East	Mon	o #15	1.	
b) Cut-off							•			's 10	8+50	and	109+20	);
Cut through	_	-												
<u>c) Tied res</u>	<u>teel for wa</u>	111 stem sec	ction	n of E	ast Mon	10	#155 an	d two	<u>extra</u> w	all s	tem	mats.		
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50% of day:	s lost due	to adverse	weat	ther/w	et grou	ınd	condit	ions o	n 14,15	,16 &	20	Feb 9	5.	
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		ED AND INSTRUCTO												
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REINFORCED	CONCRETE F	LOODWALL:	No i	instru	ctions	is	sued.							
I TEMPORARY	FLOOD PROTE	ECTION: No	inst	ructi	ons iss	ue	d.							
								_						
NOTE: No (	CQC Inspect	ions were a	atter	nded o	n Sat.	& 3	Sun., 2	5 & 26	Feb 95	•				

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

The following Follow-Up QA Inspections were performed on Mon., 27 Feb 95:

REINFORCED CONCRETE FLOODWALL: Observed removal of forms from East Mono #151 and checked surfaces for defects. Noted few air bubbles, no broken fractured fins, and no honeycombs. Observed finishers patching tie-rod holes and rubbing surfaces of East Mono #151 this date. Observed the setting and alignment of forms for East Mono #155, noted that fractured fin molds on F/S of this mono was tapered from 3'-9" on the north end to 2' on the south end. Performed the Pre-Placement Inspection on East Mono #155 this date (see attached LMN Form 1246). Observed placement & vibrating of concrete into forms for East Mono #155. Concrete is receiving adequate vibrations. Witnessed Delta Testing Rep. performing required concrete test and molding 3 test cylinders (see back of LMN Form 1246 for test results). Checked and found burlene on East Mono's #151. 158, 160 & 161 being kept wet for curing.

TEMPORARY FLOOD PROTECTION: Observed subcontr. con't to cut-off existing RZ-10 piles between EB/L Sta's 108+50 & 109+20. Noted that subcontr. had cut through existing piles between EB/L Sta's 107+75 & 108+50, but had not removed these piles.

TYING RESTEEL: Observed rodbusters tying resteeel for wall stem section of East Mono #155. 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 OCR REPORT OR DISAGREEMENTS:

NOTE: No QA Inspections were performed on 25 & 26 Feb 95.

NOTE: Ace Fence Co. continued installing 6' wooden fence around the North Staging Area. To-Date there is approx. 500 l.f. of wooden fence installed.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

DESIGNATION NAMES

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

8 hrs. (Mon)

QAR

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

Observed that all personnel handling concrete buckets and pouring concrete this date, to be wearing safety glasses.

No safety infractions were noted this period.

INSPECTOR'S SIGNATUR DATE SUPERVISOR'S INITIALS 01 MAR 95

(Heverse of ENG FORM 2538-2 (CNIL)

#### CONTRACT NO.: DACW29-94-C-

QAR #\_\_\_\_\_\_

Sat., Sun. & Mon.

DATE: 25, 26 & 27 Feb. 95

Item	Description	Contract	Estimated	Placed	Placed	Placed	%
No.	Description	Quantity	Quantity	Prev.	Today	To Date	Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	9.3%	0.6%	9.9%	9.9%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	<b>-</b> 0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	1.9%	0.2%	2.1%	2.1%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	9.3%	0.6%	9.9%	9.9%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

	FORM CHECK OUT FOR STRUIURES REINFORCED CONCRETE FLOODWALL  OB Lake Pontchartrain, LA. and Vicinity, London Ave CONTRACT NO.								
Canal, Mirabeau Ave.	. to Leon C. Simon	Blvd.	D.	<b>ACT NO.</b> ACW29-94-C-0079	<i>;</i>				
MONOLITH EAST # 155 LIFT	T NO.	LEVATION	to /4	1.40 DATE OF	<b>POUR</b> 7-95				
	INSPECTED B				BY C.O.E	•			
ITEM	NAME	DATE	TIME	NAME	DATE	TIME			
A. SHEET PILING	Im Just es	2-27-95	1:15Pm	30B	2-27-95	1320			
VERTICAL		11	11		V	-			
ALIGNMENT	V.	1,	'/	/	V	~			
CLEANLINESS	V.	1,	11	/	-				
B. CONCRETE PILING	N/A	NA	NA	N/A	N/A	N/A			
ANGLE	"	11	"	4	и	//			
HEADS	′/	11	//	61	.4	ц			
C. STAB. SLAB/JOINTS	In Justis	2-27	1:15	3208-	2-27-95	1320			
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WATERJET (JOINT)	N/A	NA	N/A	N/A	N/A	N/A			
D. STEEL REINFORCING	In Justice	2-27	1:15	3213	2-27-95	/3Z5			
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		INSPEC	TED B	Y COI	NTRA	CTOR			ŔEVIEWE	BY C.O.E	•
ITEM		NAME	<u> </u>	DAT	TE	TIME	•	N.	AME	DATE	TIME
. FORMWORK (CONT)		•	-							•	1
ALIGNMENT	(	In wist	S	2.2	7-9	- 1:	20 R	J)	ZAB	2-27-95	1330
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RELEASING AGENT					11	11					-
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CHAMFER STRIPS				1,		11			/	-	~
. WEATHER PROTECTION	$\langle$	m Justic	?	2-27	7	1.'20	Pm		2/16	2-27-	/335
. SAFETY (LIST)		In Justice	<b>*</b>	2· <b>2</b> -	7	1:20	Pn		*B	2-27-95	1335
1. Safety Glosses				11		//					
2. Rigging Check		$\overline{}$		1)		11					
3. Satesid + Ladder OTHER CHECKS PER SPECIFIC JOB	$\mathcal{L}$	m Justi	7	)-27·		1:20	Pm		-/B	2-27-95	1335
Expansion Material		NONE THIS			-				y de		
FOULTHEAT LIGES	NO	TUDE	<b>~</b> • • •			) <sub>C</sub> .			TVAL	TIME	HOUSE
•	NO.	TYPE	TIM		HOU	(2)	N	0.	TYPE	TIME	HOURS
Mantis 36/2		Crane	14:1		<u> </u>						
Concrete Bucket	2	1/2 c.y. 18' and 12	1420		<u>ე</u>						
REMARKS SLUMP = 3"	" & C	,, ;	AIR E	NTR.	= 5	.4%	<u>्</u> र्ध	2 <b>%</b> ;	CONCRETE	TEMPS = 70°	° € 70°

anll

AIR TEMPS = 75° \$ 75°

3 Test Cylinders (LA-09)

CONTRACTOR REPRS:

C.O.E. REPRS:

INSTRUCTIONS

FINAL CLEARANCE

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

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

DATE: 02/27/95 REPORT NO.: 102

SKIES: Pt. Cloudy RAIN: 0 IN. TEMP.: 50 MIN 78 MAX

(Tuesday)

DUST: None LEVEE CONDITION: Dry CANAL GAUGE: (1.4) NOISE: Moderate

#### WORK PERFORMED/LOCATION

02/25/95 Saturday B & K CONSTRUCTION - Partially wrecked Monolith #151 (East Bank) to protect fractured fins from adhering to the form liner. Covered top of I-Wall with burlene and wet down burlene and concrete wall #151. Laborers wet down burlene and concrete at Monoliths #158, #160, and #161.

02/26/95 Sunday B & K CONSTRUCTION - Laborer came in to wet down the burlene & concrete walls at Monoliths #151, #158, #160, #161. No other work performed today.

02/27/95 Monday B & K CONSTRUCTION - Completed wrecking forms at Monolith #151 (East Bank). Covered #151 with burlene blanket and wet down wall and burlene. Set forms at Monolith #155 (East); braced, aligned, plumbed, installed waterstops, bulkheads, and chamfer strips. Poured Monolith #155 (East Bank) at 2:30 PM today. Covered this fresh concrete with a burlene blanket on top of the wall for weather protection. I-Wall Monolith #155 (East) was poured from B/L Station 117+00.23 to Station 117+29.10 at elevation 14.40. Laborers wet burlene and concrete at I-Wall Monoliths #161, #160, #158, and #151 on the East Bank. Cement finishers patched & rubbed I-Wall Monolith #151 (East Bank).

GILL'S CRANE SERVICE - Cut off existing Frodingham Sheet Piling on the East Bank from Station 109+20 to Station 108+50 at elevation 6.75 for Temporary Flood Protection. Also cut Frodingham Sheets off at elevation 6.75 ahead to Station 107+75; these sheets not removed yet.

ARCADIA REBAR - Tied Reinforcing Steel at I-Wall Monolith #155 (East Bank), and tied two more Re-Steel wall curtains on the Levee for future placement.

\9402\QCRPT1 PAGE 1 OF 4

## QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	2	6	****
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator		Yes	2	6	Note:
Case 580 Backhoe	**************************************	Yes	4	4	
Koehring 535 Crane	~~~	Yes	4	4	<b>₩</b>
MKT Vibro Hammer		No	0	8	•••
Kobelco LK 500 Loader	- January 1	No	0	8	
Komatsu 200 Excavator 2	VA:::	No	0	8	V000
Fiat-Allis MotorGrader	Voter	Yes	2	6	en-
Mantis 3612 Crane		Yes	8	0	- VAN

#### MATERIALS RECEIVED

Received 18 cubic yards of concrete (mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed in I-Wall Monolith #155 (East Bank). The second truck came with a high slump. No water was added at the jobsite. LAFARGE'S Quality Control Manager was notified of this problem and he assured me that he would take measures to prevent this from happening again.

\9402\QCRPT2 PAGE 2 OF 4

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

Inspected the Reinforced Concrete Floodwall work done today. Formwork was acceptable; elevation and alignment were checked prior to placement. No deviation from plan elevation or alignment over 0.02' was found. LMN Form 1246 was completed by the Contractor prior to placement. No deficient items were found during the inspection of Formwork, Re-Steel, and embedded items. Also checked curing of completed I-Wall Monoliths. Laborers wet down walls and burlene blankets periodically to keep them saturated. Wet blankets provided coverage over 100% of Monoliths #161, #160, #158, and #151.

ACE FENCE COMPANY - installed approximately 180 l.f. of 6' high wooden Privacy Fence at the Pratt Drive and Robert E. Lee Staging Area today. This completes fence on North, South, and West sides of the Office Compound, with a gap at each Swing Gate (3 places)

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

DELTA TESTING - performed concrete tests on the concrete delivered for I-Wall Monolith #155 (East) today. Slumps and Air Contents were as follows:

SLUMPS = 3" and 6"

AIR CONTENTS = 5.4% and 3.2%

\9402\QCRPT3 PAGE 3 OF 4

#### CONTRACTOR/SUBCONTRACTORS ...ND AREAS OF RESPONSIBILITY NO TRADE HOURS COMPANY LOCATION/WORK DESCRIPTION Unskilled 60 B & K Wrecking & setting I-Wall forms; 5 Skilled 42 curing I-Wall Monoliths; patching 1 Supt. 9 & rubbing concrete I-Wall. (See Q.C. Rep. 1 9 locations above.) Skilled 14 GILL'S CRANE Cutting off existing Sheet Piling for Temporary Flood Protection. 2 Skilled ARCADIA REBAR Tying Reinforcing Steel for new 12 I-Wall. (See locations above.)

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked Rigging used to lift Re-Steel and I-Wall forms today. Slings, Hooks, and Shackles were found to be in good condition.

Ladder at Form scaffolding was found to be secured to prevent movement. Three feet of ladder extended above the scaffold platform. The ladder was found to be in good condition.

#### REMARKS

(Instructions received, miscellaneous remarks)

No work is scheduled for Tuesday, February 28th, due to the MARDI GRAS holiday. Work will resume on Wednesday, March 1st. Weather permitting.

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.

Authorized Q C Representative

03/01/95

Date

\9402\QCRPT4

PAGE 4 OF 4

INSP	ECTORS QU	ALITY SU	JRANCE RI	EPORT (	QAR)	$\land$	THE OCR WILL WITH THE QAR	BE ATTACHE	ED TO OR FILED
	DAILY LOC	ER 415-1-		- CIVIL			REPORT NUMBER	•	
TO Area Eng	<del>.</del>	<del>-</del>					0.75	73	
ALCG DIE			COPY		Const. Di	.V •		riday	
CELMN-CD		rin To on	d Wininite	CF	LMN-CD	- 1		bruary 1	<u> 1995                                   </u>
PROJECT Lake Mirabeau Av	e. to Leon	C. Simon B	lvd., Orle	ans Par	ish, Loui		DACW29-	<del>зен</del> 94-с-007	'9
CONTRACTOR (Or							WEATHER		Y
		ghway 59, i			70448		Partly C		
STRUCTURAL	BORROW	HEDULED DAY SUI			CTD LOT LOC			TEMPERATI	JRE
EXCAVATION	EXCAVATION		555		STRUCTURE		MINIMUM	MAXIMUN	
100%	100	<u> </u>	0 %	100 %	10	00,	50°		78°
HAS ANYTHING I	DEVELOPED ON TH	IE MUSK MHICH I	MICHT E	a NO	□ YES (Eurolo			HOUR PREC	PITATION
	NGE ORDER OR FIL		man <u>p</u>	g 140	YES (Expla	411)	INCHES	ENDING	:
							0.00"		)730 <u>w</u>
0110001100011		VERNMENT EMPLO		1				RIX RTX STAC	<u>}E</u>
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		FEET	TIME	
			1-9½ hrs	$1-9\frac{1}{2}$ h			0.90'		0800 w
	CONTRACTOR'S E		Teore		NUMBER O		£1 02	3	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	то	FROM	то	FROM	то
2-18 hrs	11-77 hrs	8-65 hrs	21-160	0700	1630 M	M	<u> </u>		<u> </u>
Attach list of the Note: If the co	ntractor's Quality Co	ontrol Report (QCR)	contains the info	ormation it ne	ed not be repeat	ed. 	of contractor persor	nnel onsite.	
,	onst. Co.,								
							EMPORARY FL	OOD PROT	ECTION
	ree Service								
<ul><li>a) Set form Removed for and Rubbed</li><li>b) Cut-off</li></ul>	s, 3-bulb was from East and patched existing RZ	waterstops, st Mono #16 d surfaces Z-10 sheet	chamfer s 0; Cured F of East Mo piles at e	strips, East Mon ono #160 elev. +6	and poure o's #158, .75' for	ed concr #160 a tempora	r subcontractors buy to ete for Eas and #161 wit ary flood pr Mirabeau &	t I-Wall h wetted	l Mono #151 l burlene;
Days of no work an	d reasons for same:								
							13 & 17 Fe 14,15,16 &		95.
Information on prog	ress of work, cause:	s for delays and ext	ent of delays, Pla	nt, material, e	elc.				
	work was	scheduled a	nd perform			and Bay	ou Tree Ser	vice thi	s date.
					नप	RCENT P	ROJECT COMP	LETE:	9.4%
DATE SET	FOR COMPLET	CION: 22	MAR 96				IME ELAPSED		32.9%
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTO	ONS GIVEN:		_		_		
Attended t	he followin	ng COC Insp	ection Pha	ises thi	s date:				

REINFORCED CONCRETE FLOODWALL: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

TRIMMING TREES: No instructions issued.

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

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

REINFORCED CONCRETE FLOODWALL: Observed the removal of forms from East Mono #160. Checked and found no broken fractured fins and very few air bubble holes in the surfaces of East Mono #160. Observed finishers rubbing surfaces of East Mono #160 and patching bolt holes with dry-pack mortor as required. Checked and found alignment of forms set for East Mono #151 to be in accordance with plans. Checked and found chamfer strips set for the top of East Mono #151 to be set at elev. +14.40'(P/S) and +14.38'(F/S) as required. Found 3-Bulb waterstop satisfactorily secured in bulkheads for East Mono #151. Performed Pre-Placement Inspection on East Mono #151 prior to placing concrete this date (see attached LMN Form 1246). Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (see back of LMN Form 1246 for test results). Witnessed placement and vibrating of concrete into forms for East Mono #151 this date. Concrete is receiving adequate vibrations.

TEMPORARY FLOOD PROTECTION: Observed subcontractor (Gill) cutting off existing RZ-10 piles between approx. EB/L Sta's 109+20 and 109+80, at elev. +6.75 as required. Subcontractor attempted to pull and/or drive these piles with the V-5 Vibratory Hammer but to no avail.

#### VERBAN NIEZARO CA IONIEZ CANENA PO CONTRACA CARA ANTRACA CARA ANTRACA POR CARA POR CARA ANTRACA POR CARA ANTRACA POR CARA ANTRACA POR CARA ANTRACA POR CARA ANT

The existing piles in this reach could neither be driven down to elev. +6.75' nor could they be pulled up the usual 3.25'. So contractor just cut them off at the required elev. of +6.75.

TREE TRIMMING: Observed subcontr. con't to trim existing trees that hang over the existing west levee, between WB/L Sta's 70+50 and 78+00.

NOTE: No "Verbal Instructions" were issued to Contractor this date.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

 $\underline{\text{NOTE}}$ : Ace Fence Co. con't installing 6' wooden fence boards this date. Installed approx. 100 1.f. (600 board feet) this date, around the North Staging Area.

Contractor's Quality Control Report (submitted/norxxxubmixted) for this (date/perxxxd).

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

8½ hrs.

QAR

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

01 MAR 95

Checked and found flagmen equipped with orange vest and flags being used to direct traffic when concrete trucks were entering and leaving the jobsite.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

AND DERVANT

R

DATE

SUPERVISOR'S INITIALS

DATE

3/13/98

(Neverse of ENG FORM 2538-2 (CIVIL)

## CONTRACT NO.: DACW29-94-C- 0

QAR # 73

DATE: Fri. - 24 Feb 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	8.7%	0.6%	9.3%	9.3%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	83%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	1.6%	0.3%	1.9%	1.9%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
.16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	8.7%	0.6%	9.3%	9.3%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

	FORM CHECK OUT FOR STRU JRES REINFORCED CONCRETE FLOODWALL									
JOB Lake Pontchartrain, Canal, Mirabeau Ave				ACT NO. ACW29-94-C-0079						
MONOLITH LIFT	T NO. ·  E	LEVATION	V to /	DATE OF	<b>POUR</b> 4 - 95	-				
	INSPECTED B	Y CONTRA	CTOR	REVIEWED	BY C.O.E	•				
ITEM	NAME	DATE	TIME	NAME	DATE	TIME				
A. SHEET PILING	Im Justie	2-24-95	2:15 AM	ZAB	2-24-95	1415				
VERTICAL		/	/		~	-				
ALIGNMENT		/	/	/		- /				
CLEANLINESS	~	/								
B. CONCRETE PILING	NIA	/		MA	N/A	1/4				
ANGLE	11		/	11	11	u				
HEADS	11 .	/	/	//	11	"				
C. STAB. SLAB/JOINTS	Im Quatrice	2-24-95	2:15 PM	71P8	2-24-95	1415				
CLEANLINESS					/	-				
WATERED					<u> </u>	-				
WATERJET (JOINT)	N/A				~	~				
D. STEEL REINFORCING	In Justis	2-24-95	2:15 Am	3.LB	2-24-95	1420				
VERTICAL		<i></i>		<b>/</b>	~	~				
HORIZONTAL	. /	/	/	/	-	·				
SPACING	/		/	V		-				
CLEARANCES	/ 50			/	~	/				
STEEL SCHEDULE			/	V		L				
SHOP DRAWINGS .				<b>V</b>		-				
TIE WIRES		/	/	V		~				
#6 BAR WELDED				· V	-	V				
CLEANLINESS		• /:		ν		~				
WATERED	11 10 10 10 10 10 10 10 10 10 10 10 10 1		·····/·	V	~					
E. FORMWORK	In Justin'	2-24-95	2:15 Pm	3/0B	2-24-95	1420				
CONDITION			. /:	· · · · ·		-				

	1	INSPECT	TED RY	CONTRA	CTOP	T	ŘEVIEWEI	BY C.O.E	
. Teu	-	<del></del>			<u> </u>	+		<del></del>	<del>1</del>
ITEM		NAME 3		DATE	TIME		NAME	DATE	TIME
. FORMWORK (CONT) ALIGNMENT		m Justic	ī.	2-24-95	2:15	FM	31B	2-24-95	1425
CLEANLINESS	7				/				-
RELEASING AGENT					/	/	/		
TIES AND BOLTS				/	7		/		-
LENGTH 28,88'				V	1		~		
WIDTH 1.75 to 1.00				/			·		
· HEIGHT 12.40'				/	/				
WATERSTOPS									_
CHAMFER STRIPS		/		/					/
. WEATHER PROTECTION	Jr	n Justia		2-24-95	2:15	PM	32/8	2-24-95	1425
. SAFETY (LIST)	(A)	mastre		2-24-95	2:15 Pm		3.0B	2-24-95	1425
1. LAD DERS & SCAFFOLDS	U						<u></u>		
2. SAFETY GLASSES						$\rightarrow$			-
3. Rubber Gloves OTHER CHECKS PER SPECIFIC JOB	6	Im Quat	'e	2-24-95	2:15	· Pr			
Expansion Material	Nor	ne This Po							
. EQUIPMENT USED	NO.	TYPE	TIME	Ноп	RS .	NO.	TYPE	TIME	HOURS
Mantis 3612		Crane '	14:3						
Concrete Bucket	1	1/2 c.y.	14:3		#			<del> </del>	
Concrete Vibrators	2	18' and 12'	14:3	<u> </u>				-	
REMARKS SLUMP = 5	.॥ इ	4'/2" ;	AIR EN	TR. = 5	, 25% 4	5.0 %	; CONCRETE	TEMPS = 7/	0 f 70°
AIR TEMPS	= 7/	° \$ 7/° ;		Cylind LEARAN(		LA-08	')		
ONTRACTOR REPRS:	tice	•	THE C		0.E.	REPRS	:2.11	(1)	

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

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

DATE: 02/24/95 REPORT NO.: 101

SKIES: Clear - Pt. Cloudy RAIN: 0 IN: TEMP: 50 MIN. 78 MAX.

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: 0.9 NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - (East Bank) Carpenter crew wrecked Forms off of I-Wall Monolith #160, then cleaned and oiled these Forms. Set land side Form at Monolith #151 (canal side Form set previously) braced off, plumbed, aligned, set bulkheads, waterstop, chamfer strips, and tie-bolts. Poured Concrete at I-Wall Monolith #151 today at 2:30 PM. Cement finishers patched and rubbed Concrete at I-Wall Monolith #160, and worked on I-Wall Form for tapered fractured fin (Monolith #155). Laborers wet down burlene and Concrete walls at Monoliths #160, #158, and #161 throughout the day today. Operator worked on Temporary Access Roads and entrance ramps at Mirabeau Avenue, East and West side.

GILL'S CRANE SERVICE - (East Bank) Cut off existing Frodingham Sheet Piling at elevation 6.75 for Temporary Flood Protection from Station 109+80 to Station 109+20. Efforts to pull these piling up with the Vibratory Hammer were not unsuccessfull. These existing Sheet Piling will be cut off 6" below F.G. (or driven down to 6" below F.G.) upon completion of the I-Wall.

BAYOU TREE SERVICE - Continued trimming tree branches on the West Bank from Mirabeau towards Filmore. Still not finished with all tree trimming.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY										
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION							
!! ' !	Unskilled	58	1	Wrecking, cleaning, & setting I-							
6	Skilled	45	11	Wall Forms; pouring I-Wall Con-							
1	Supt.	9	11	crete; patching I-Wall Concrete.							
1	Q.C. Rep.	9	11	(See locations above.)							
2	Skilled	14	GILL'S CRANE	Cutting off existing Sheet Piling							
1	Unskilled	7	11	for Temporary Flood Protection.							
				(See locations above.)							
3	Skilled	18	BAYOU TREE	Trimming trees. (See locations †)							

\9402\QCRPT1A PAGE 1 OF 3

#### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1	value.	Yes	2	6	<b></b>
Komatsu D37P Dozer	- Janes	No	0	8	Yes
Kubota 151 Excavator		No	0	8	_
Case 580 Backhoe	_	Yes	4	4	
Koehring 535 Crane		Yes	6	2	-pare
MKT Vibro Hammer		Yes	2	6	W/#
Kobelco LK 500 Loader		Yes	2	6	
Komatsu 200 Excavator 2		No	0	8	
Fiat-Allis MotorGrader	<b>V</b>	Yes	2	6	
Mantis 3612 Crane		No	8	0	

#### TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - performed vibration monitoring on the East Bank near Station 110+00. Results are furnished only to the Orleans Levee Board. Testing was also performed by DELTA on I-Wall Concrete. The Slumps today measured 5" and 4 1/2", and air entrainment measured 5.25% and 5.0%.

#### MATERIALS RECEIVED

Received 18 cubic yards of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at I-Wall Monolith #151 on the East Bank today.

\9402\QCRPT2A

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

ACE FENCE COMPANY - installed approximately 100' of 6' wooden privacy fence at the Staging Area on Pratt Dr. today. Also installed approx. 250' of nailing strips on existing chain link fence.

Inspected the Reinforced Concrete Floodwall work performed today. I-Wall Forms were cleaned, oiled, and set to proper alignment using a 2.5' offset line (from C/L of I-Wall). Resteel clearances were checked, and no Re-Steel was less than 2" away from the Form surface. Waterstops were installed at the C/L of the Wall, and extended from 6" below top of Wall elevation to 3" above bottom of Wall elevation. LMN Form 1246 was completed prior to the Concrete placement as required.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked the scaffold and ladder at Monolith #151 poured today. Hand rails & toe boards were implace and in good condition. Walk boards were 2"x12" treated pine, also in good condition. Fiberglass ladder extended 3' above the platform, and was secured to the scaffold to prevent movement.

#### REMARKS

(Instructions received, miscellaneous remarks)

We plan to work a skeleton crew Saturday (02/25/95) wrecking Monolith #151, wetting down I-Walls being cured, and setting up oil drum racks in the containment dike at the B & K yard on Robert E. Lee and Pratt Dr.

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

02/27/95

Authorized Q C Representative

Date

\9402\QCRPT3A PAGE 3 OF 3

· (NCO	FOTORS OF			10E D		<u> </u>		$\overline{}$	T 1	E OCR WIL	OE ATT	ACVED	TO OR 51	<u> </u>
INSP	ECTORS QU DAILY LOC	G OF CUMST	JRAN TRUC	TION	- CIVIL	Q.	AR)	,	<u>`</u>	THE QA	₹ 	ACAED	IU UN PA	LED
		(ER 415-1-							REP	ORT NUMBE	•			
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PROJECT Lake	Pontchartra				, Londo	n	Ave. Ca		CON	TRACT NUM	BER			
Mirabeau Av	e. to Leon	C. Simon B	lvd.	, Orle	eans Par	is	h, Loui	siana.	_	DACW29-	94-C-	0079		
CONTRACTOR (Or		x K Constru ighway 59,							WE	ATHER				1
		HEDULED DAY SU				70	440		+	Part1y		Idy &		
STRUCTURAL	BORROW	EMBANKMEI		CONCR		ST	RUCTURE		MIN	MUM .		(IMUM		
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	NUMBER OF GO	VERNMENT EMPLO	DYEES			_			┽—	0.00"	RIXER	O7		<u> </u>
SUPERVISORY	OFFICE	LAYOUT		ECTION	TOTAL		LABOR		FEE		TIM			
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2-18 hrs	11-98 hrs		21-	_	0700 I	- 1	то 1800 м	FROM	, TO	м	FROM		то	
			-			Щ.					<u> </u>	<u> </u>	<u> </u>	<u> </u>
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CONTRACTOR/SU	BCONTRACTORS A	AND AREA OF RES	PONSIB	ILITY FOR	NORK PER	RFOF	RMED TODAY	<del></del>	_					
в в к с	onst. Co.,	Inc RE	TNEOI	CED C	ONCRETE	' F	T.OODWAT.	T.						
	Crane Servi								TEMP(	DRARY FI	OOD P	ROTE	CTION	-
					LAIDIII		DHEET I	100, 1		MARCI II	1000	ROIE	CIION	-
c Bayou I	ree Service	e - TRIMMI	NG_TI	KEES_		_								-
	ED TODAY (Indicat													
a) Removed concrete fo				-				-				60;	Poured	L
b) Pulled e		•			-							stin	g pile	s
at elev. +6	.75 between	n EB/L Sta'	s 109	9 <b>+40</b> 8	110+35									
c) Trimmed			of e	existi	ng west	1	evee be	tween M	firat	eau Ave	. & F	ilmo	re Ave	٠.
Days of no work and 100% of day			Wood	thor/w	at grou	nd	condit	ions or	. 12	s. 17 Fo	h 05			
	s lost due												5.	
									,	, _ ,				
Information on prog	press of work, cause	s for delays and ext	ent of d	lelays, Pla	nt, material,	etc.					_			
Progressive			nd pe	erform	ed by B	&K	, Gill	and Bay	ou I	ree thi	s dat	e. S	ee	
attached CO	C Report fo	or details.												
							PΕ	RCENT I	PRO.JI	ECT COME	LETE:		9.3%	
DATE SET	FOR COMPLET	TION: 22	MAR 9	96						ELAPSEI			32.7%	
COC INSPECTION	PHASES ATTENDE													
Attended t	he followin	ng CQC Insp	ectio	on Pha	ses thi	S	date:							
REINFORCED	CONCRETE I	TLOODWALL:	No :	instru	ctions	is	sued.							
	F EXISTING		_				issued	•						
TEMPORARY	FLOOD PROTE	ECTION: No	ins	tructi	ons iss	ue	d.							
TREE TRIMM	ING: No in	nstructions	issu	ıed.										

### 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 the removal of forms from East Mono #158 this date. Noted few air bubbles, no honeycombs, and no broken fractured fins. Observed finishers rubbing surfaces of East Mono's #158 & #161. Checked and found forms set for East Mono #160 to true to line and grades this date. Witnessed the placement and vibrating of concrete into forms form East Mono #160 this date. Concrete receiving adequate vibrations. Witnessed Rep. from Delta Testing performing required concrete test and molding 3 test cylinders (LA-08). See back of LMN Form 1246 for concrete test results. Performed Pre-Placement Inspection on East Mono #160 prior to concrete placement this date (see attached LMN Form 1246). Checked and found top chamfer strips (3/4") set at elev's +14.40'(P/S) and +14.38'(F/S) as required. TEMPORARY FLOOD PROTECTION: Observed subcontractor pulling existing RZ-10 piles up approx. 3.25' between approx. EB/L Sta's 109+80 and 110+30, then cutting them off at approx. elev. +6.75 for temporary flood protection between approx. EB/L Sta's 109+90 and 110+35. TREE TRIMMING: Noted that Bayou Tree Service had continued trimming trees on the P/S of the West levee, between approx. WB/L Sta's 70+50 and 78+00, within R/W as required for const. 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 OCA REPORT OR DISAGREEMENTS: NOTE: CQC Rep., M. Tassin informed QAR, Z. Bryant this date, that B&K and all subcontractors do not intend to work Tues. , 28 Feb 95, in observance of Mardi Gras Day. Contractor's Quality Control Report (submitted Annax x submitteek) for this (date/prex took). REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work) GOVERNMENT PERSONNEL ON SITE DESIGNATION HRS. ON SITE DUTIES NAMES 7 hrs. Z. BRYANT Const. Insp., GS-07 QAR SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Checked and found ladder properly secured to I-Wall Form scaffolds and extending 3' above the

landing as required.

No safety infractions were noted this date.

DATE SUPERVISOR'S INITIALS  DATE  7.ANE IV BRYANT ID. 27 FEB 95	INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	San ( Durant)			-1-19-
	ZANE D. BRYANT JR.	27 FEB 95		3/13/13

#### CONTRACT NO.: DACW29-94-C-00

**QAR #** 72

**DATE:** Thu. - 23 Feb 95

Item No.	Description	Contract	Estimated	Placed	Placed	Placed	%
01	MOBILIZATION & DEMOBILIZATION	Quantity	Quantity	Prev.	Today	To Date	
		L.S.	L.S.	61.2%	-0-		61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	8.2%	0.5%	8.7%	8.7%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE	L.S.	L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	1.3%	0.3%	1.6%	1.6%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	8.2%	0.5%	8.7%	8.7%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
		•					
			-		_		

FORM CHECK OUT FOR STRU URES REINFORCED CONCRETE FLOODWALL										
JOB Lake Pontchartrain, Canal, Mirabeau Ave				ACT NO. DACW29-94-C-0079		<b>&gt;</b>				
MONOLITH LIF	T NO.	from 2,		140 DATE OF	POUR 23-95					
	INSPECTED B	Y CONTR	ACTOR	REVIEWED	BY C.O.E	•				
ITEH	NAME	DATE	TIME	NAME	DATE	TIME				
A. SHEET PILING	In Ousts	2-23-45	3:00 P	m 34B	2-23-95 # <del>5/0</del>	1510				
VERTICAL		11	11		~					
ALIGNMENT		u	11	/		_				
CLEANLINESS		"	1/							
B. CONCRETE PILING	N/A	11	11	N/A	N/A	1/4				
ANGLE	11	11	11	"	"	u				
HEADS	11	11	11	4	M	,4				
C. STAB. SLAB/JOINTS	In Justo	2.23	3:00	32/3	2-23-95	1510				
CLEANLINESS		11	11			~				
WATERED	V	11	11	/	/	~				
WATERJET (JOINT)	N/A	11	11		/					
D. STEEL REINFORCING	In Justo	2-23	3:00	ZUB	2-23-95	1510				
VERTICAL		11	11		/	/				
HORIZONTAL	./	lı .	11	/	/	/				
SPACING	V	li li	11	/	1.					
CLEARANCES		Ŋ	11 1	/	/					
STEEL SCHEDULE		It	[]		/					
SHOP DRAWINGS .		fc -	11		/	/				
TIE WIRES		fe .	ti ·	·	. /					
#6 BAR WELDED	<u> </u>	1	11		/					
CLEANLINESS		, ι,	Ιţ	<u> </u>	/	<u>/</u>				
WATERED "	W 5 7 ( W)	11	· )1'	<u> </u>	✓ <u> </u>	/				
FORMWORK	In Justio	2-23	3:00	3116	2-23-95	1510				
CONDITION		11	11	· · · · · · · · · · · · · · · · · · ·	1 V	/				

( ) ( ) ( ) ( )	INSPECTED	BY CONTRA	CTOR	REVIEWE	D BY C.O.E	•
ITEM	NAME	DATE	TIME	NAME	DATE	TIME
. FORMWORK (CONT) ALIGNMENT	moiste	2.23	<b>3</b> :∞	em ZB	2-23-95	1515
CLEANLINESS	10	11	/1			
RELEASING AGENT		11	٠,		V	
TIES AND BOLTS	V	11	11			
LENGTH 28,84'	/	1,	11	/		
WIDTH 1.75/to 1.00	V	1)	- 11	. ~	V	~
· HEIGHT /2,40 '	V	11	r <sub>i</sub>		/	
WATERSTOPS	/	()	11			
CHAMFER STRIPS	V	()	11		V	-
. WEATHER PROTECTION	In motor	2-23	3:06	APS.	2-23-95	1515
SAFETY (LIST)	In Out	2.23	3:00	· 3/18-	2-23-95	1515
1. Eye Protection		11	11 .	. 0		
2. Rigging check		11	'1			
3. Scaffolds Ladd OTHER EMECKS PER SPECIFIC JOB	In Justice	2.23-95	<u> </u>	n zuß	2-23-95	151:
Expansion Materia		//	''			
. EQUIPMENT USED	NO. TYPE T	IME HOU	PS .	NO. TYPE	TIME	HOURS
Mantis 3612 Concrete Bucket Concrete Vibrators	1 Crane 3	35	2 2		1 2116	

J. REMARKS SLUMP = 6" and 4"4"; AIR ENTR. = 4.9% and 5.1%; CONCRETE TEMPS = 79° and 79;

AIR TEMPS = 12° and 12°; 3 Test Cylinders (LA-01)
FINAL CLEARANCE

CONTRACTOR REPRS:

C.O.E. REPRS:

INSTRUCTIONS

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

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

DATE: 02/23/95

\9402\QCRPT1A

REPORT NO.: 100

SKIES: Pt. Cloudy

RAIN: O IN. TEMP.: 52 MIN 77 MAX

PAGE 1 OF 3

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.5) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters wrecked I-Wall Forms at East Bank Monolith #158 at 11:30 AM. Cleaned, oiled, and then set these Forms at I-Wall Monolith #160. Braced off, aligned, plumbed, set Chamfer Strip at top of Wall grade, and then poured Concrete at Monolith #160 at 3:30 PM. Worked on I-Wall Forms for the tapered Fractured Fin Monolith #155. Cement Finishers patched and rubbed I-Wall Monolith #158 and #160. Finished building Containment Dike & drum racks for oil drums, & cleaned up trash in the yard.

GILL'S CRANE SERVICE - Pulled up existing Sheet Piling (East Bank) approximately 3.25' from Station 110+30 to Station 109+90, then cut these Sheet Piling off at elevation 6.75 for Temporary Flood Protection from Station 110+35 to Station 109+80.

BAYOU TREE SERVICE - Trimmed trees on the West Bank between Mirabeau Avenue and Filmore Avenue. Approximately 1/2 of the trimming work was completed in this reach. BAYOU TREE SERVICE will return tomorrow and continue.

-		CONTRACTOR/SUBCONTRACTORS AND									
-		AREAS OF RESPONSIBILITY									
+	NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION						
-											
-	7	Unskilled	70	B & K	Wrecking I-Wall Forms; setting I-						
	6	Skilled	58	II	Wall Concrete; patching & rubbing						
	1	Supt.	10	11	I-Wall Monoliths; curing I-Wall						
-	11	Q.C. Rep.	8	11	Concrete.						
	2	Skilled	16	GILL'S CRANE	Temporary Flood Protection. (See						
	1	Unskilled	8	II .	locations above.)						
-	3	Skilled	24	ARCADIA REBR	Tree trimming limbs. (See location						
					above.)						
ı											

#### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	3	5	****
Komatsu D37P Dozer	NAME OF THE OWNER OWNER OF THE OWNER	No	0	8	Yes
Kubota 151 Excavator	~~~	Yes	2	6	·
Case 580 Backhoe	way.	Yes	3	5	₩gh.
Koehring 535 Crane		Yes	8	0	No. at
MKT Vibro Hammer		Yes	4	4	- Value
Kobelco LK 500 Loader	**************************************	No	0	8	Water
Komatsu 300 Excavator	- Value	No	0	8	West
Fiat-Allis MotorGrader		Yes	6	2	was.
Mantis 3612 Crane	valed	Yes	2	6	www.
Komatsu 200 Excavator 2		<b>N</b> O	٥	8	···

#### TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - performed vibration monitoring adjacent to Sheet Pile pulling operations on the East Bank today. These test results are furnished only to the Levee Board.

DELTA TESTING also performed Concrete testing on I-Wall Concrete placed at Mionolith #160 today. (East Bank) The DELTA technician neglected to furnish us with a copy of these test results before leaving the jobsite today.

#### MATERIALS RECEIVED

Received 18 cubic yards of Concrete Mix #44 from LAFARGE CONCRETE today, and placed this material at Monolith #160 (East Bank) today. The required batch weight information was supplied with each delivery truck.

\9402\QCRPT2A PAGE 2 OF 3

### QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

ACE FENCE COMPANY - returned to continue installing the Wooden Privacy Fence at the Robert E. Lee & Pratt Dr. Staging Area. They completed approximately 150 l.f. of the 6" high fence today. The work done today was of good quality, as were the materials used.

Inspected the Temporary Flood Protection work done today. Elevation was controlled at +6.75 by a chalk line popped on the existing Sheet Piles. No gaps, breaks, or cuts were observed below elevation +6.75.

Reinforced Concrete Floodwall work was also inspected. The required checklist was completed prior to Concrete placement. Placing methods conformed to the requirements set forth in the Contract Specifications Section C3D, Paragraph 11.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Inspected Fire Extinguishers on equipment. Noted two extinguishers that needed refilling, recharging of these Fire Extinguishers was accomplished on site by Gulf Coast Fire & Safety today.

Checked workers for Eye Protection at Concrete placing and finishing work. Safety Glasses were provided for workers, and worn by all personnel during these operations.

#### REMARKS

(Instructions received, miscellaneous remarks)

We plan to pour one I-Wall Monolith tomorrow at 1:30 PM weather permitting.. No work is scheduled for Saturday or Sunday, or on Tuesday 02/28/95 in observance of MARDI GRAS.

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

02/24/95

Author zed Q C Representative

Date

N9402NQCRPT3A

PAGE 3 OF 3

INSP	ECTORS QU	ALITY A	RANCE RE	PORT (	QAR)		THE OCR WILL WITH THE QAR	BE ATTACH	ED T(	OR FILED	
•	DAILY LOG	OF CONST (ER 415-1-3		· CIVIL			REPORT NUMBER				_
TO Area Eng	•		CODY	TO	Comat D		DATE TT. 1	71			_
o Area Eng			COPI	•	Const. D: ELMN-CD	LV.		nesday bruary	100	5	
PROJECT Lake	Pontchartra	in. La. and	1 Vicinity	Londo	n Ave. C	anal,	CONTRACT NUM		. 22		-
Mirabeau Av	e. to Leon	C. Simon B	lvd., Orle	ans Par	ish, Lou	isiana.	DACW29-	94-C-00	79		
CONTRACTOR (Or							WEATHER			1	
	1905 Hi	ghway 59, i	<u>iande</u> ville	, La.	<u>70</u> 448		Partly C	loudy &	Mi:	1d	
	PORTION OF SCH	EDULED DAY SUF		RATIONS				TEMPERAT	URE		
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMEN	T CONCRI	ETE	STRUCTURE		MINIMUM	MAXIMU	M		
100%	100	<b>%</b> 10	00 %	100 %	10	)0 <del>%</del>	50°		76		_
		- 1400K 148 HOLLA	#CLE ==		G 250 /5 -1	1		HOUR PREC	ATIPIC	ITION	_
	DEVELOPED ON TH NGE ORDER OR FIN		MGM1 K	NO	YES (Expl	ain)	INCHES	ENDING		<u>.</u>	
							0.00"	_	0730	<u>0                                    </u>	A
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR		Canal FEET		GE		_
SUPERVISORI	OFFICE	CATOOT	1-11 hrs				0.50'	TIME	080	0 .	
NUMBER OF	CONTRACTOR'S E	APLOYEES	1 11 111 5	1 11 11		OF SHIFTS	<u>⊠ 1 □ 2</u>		7000	<u> </u>	_
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	то	FROM	Т	TO	-
2-20 hrs	9- 84 hrs	7-65 hrs	18-169	0700	M 1800 M	м	м	Ì.	м	м	)
• <u>B &amp; K C</u>	onst. Co.,	Inc REI	NFORCED C	ONCRETE	FLOODWA	LL	ADODADY ELO	OD DDOM:			_
	Crane Servi					ILES; TEM	1PORARY FLO	OD_PROT	ECT.	ION	
	; Rubbing s existing RZ .75' betwee	o location and description oncrete for urfaces on -10 piles to n EB/L Stat	plion of work perform East Mono East Mono up between s 110+35	med. Refer to o #158; #161. EB/L S & 111+2	Curing that's 110	with wett	ted burlene 0+95, then	on Eas	t Mo	ono's	
100% of day	d reasons for same: s lost due s lost due								95		
Progressiv	<b>pess of work, cause:</b> e work was QC Reports	scheduled a	and perfor			l and Ard	cadia this	date. S	ee		
							ROJECT COM			9.2%	_
	FOR COMPLET		MAR 96		P	ERCENT T	IME ELAPSEI	):	3	2.5%	_
	PHASES ATTENDE he followin			ses thi	s date:						

REINFORCED CONCRETE FLOODWALL: No instructions issued.

CUTTING OF EXISTING SHEET PILES: No instructions issued.

TEMPORARY FLOOD PROTECTION: No instructions issued.

## RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES The following Follow-Up QA Inspections were performed this date: REINFORCED CONCRETE FLOODWALL: Checked alignment of forms set for East Mono #158 this date, and for them to be in accordance with project plans. Checked and found chamfer strips for top of I-Wall at Mono #158 set at elev. +14.42' on P/S and at elev. +14.40' on F/S, which is approx. 1/4" above grade (done at Contractor's option). Performed Pre-Placement Inspection on East Mono #158 (see attached LMN Form 1246). Checked and found burlene on Mono's #153 & #161 to be thoroughly wet for curing. Witnessed placement and vibrations of concrete into forms for East Mono #158 this date. Found concrete being placed in approx. 18" lifts and thoroughly vibrated as required. Witnessed Rep. from Delta Testing testing and sampling concrete used this date (see back of LMN Form 1246 for test results). CUTTING OFF EXISTING SHEET PILES & TEMPORARY FLOOD PROTECTION: Observed subcontractor pulling up existing RZ-10 sheet piles approx. 3.25' between approx. EB/L Sta's 110+30 & 110+95, then cutting them off at approx. elev. +6.75 for temporary flood protection, between approx. EB/L Sta's 110+35 & 111+25. All cut-off piles were stacked for later removal from site. 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.

NOTE: Ace Fence Co. began installation of the 6' Wooden Privacy Fence for the north, south, and west sides of the North Staging Area, located between Robert E. Lee Blvd. and Leon C. Simon Blvd., and along the east side of Pratt Drive.

Contractor's Quality Control Report (submitted/MEXXENDMXXIEM) for this (date/EXXXED).

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

10 hrs.

QAR

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.) Checked and found the anti-two block device working properly on the Mantis 3612 Cherry Picker this date.

No safety infractions were noted this date.

			_
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
Jani Vertingant	<b>′</b> I	1	1 1/2/2
ZANE D. BRYANT JR	24 Feb 95	9.5	3//3/95
W			

QAR #\_\_\_\_\_71\_\_\_\_\_

**DATE:** Wed. - 22 Feb 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.3%	0.9%	8.2%	8.2%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	1.1%	0.2%	1.3%	1.3%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	<sup>-</sup> 2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.3%	0.9%	8.2%	8.2%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

FORM CHECK OUT FOR STRUC ES REINFORCED CONCRETE FLOODWALL									
JOB Lake Pontchartrain, LA. and Vicinity, London Ave CONTRACT NO.  Canal, Mirabeau Ave. to Leon C. Simon Blvd.  DACW29-94-C-0079									
MONOLITH LIFT	LITET NO IFLEVATION DATE OF POUR								
		INSPECTED BY CONTRACTOR REVIEWED BY C.O.E.							
ITEM	NAME	DATE	TIME	NAME	DATE	TIME			
A. SHEET PILING	Impustice	2-22-95	2:00 PM	7DB	2-22-95	1410			
VERTICAL		1 (	11						
ALIGNMENT		11	11	~	~				
CLEANLINESS		W	11	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V				
B. CONCRETE PILING	N/A	,,,	11	N/A	NA	N/A			
ANGLE	7.,	",	11	//	//	11			
HEADS	11	11	1,	"	<b>//</b>	"			
C. STAB. SLAB/JOINTS	Intestico	2-22-9	2:00PM	343	222-95	1410			
CLEANLINESS	00	41	/1			_			
WATERED		11	(1		<u></u>				
WATERJET (JOINT)	N/A	/1	11	NA	N/4	N/A			
D. STEEL REINFORCING	Industrice	2-22-95	= 2:00PM	34B	2-22-95	1410			
VERTICAL		11	11		_				
HORIZONTAL		n:	11	<u> </u>	V	/			
SPACING		1/ (2)	11		/				
CLEARANCES		11	11	~	~	_			
STEEL SCHEDULE		lt .	11	V					
SHOP DRAWINGS .		T r	"	V	V				
TIE WIRES		f e	11 -						
#6 BAR WELDED	V	f1	"		/				
CLEANLINESS		. 11	11						
WATERED "		11	· ' ' '						
E. FORMWORK	Im Justice	2-22-95	2:001	m 348	2-22-95	1415			
CONDITION		10	17		· ~				

		INSPECTED BY CONTRACTOR					REVIEWED BY C.O.E.			
ITEM		NAME		DATE	TIME	•	NAME		DATE	TIME
FORMWORK (CONT) ALIGNMENT	Q	not.	<u> </u>	<b>え-</b> スス-4	35 2	;oof	4.	21R	2-22-95	- 444
CLEANLINESS	· /· /	n grish			<del>                                     </del>	, 00p	<b>1</b> 57	TUS	2-22-95	1415
RELEASING AGENT				1,	+	, ',		.~		
TIES AND BOLTS			<u> </u>	"	,	1				
LENGTH 28,84				11	1,			~		
WIDTH 1.75 to 1.00		/		t <sub>f</sub>	, ,,	,	٠.	/	/	
· HEIGHT 12.40'		/	_	1/	n					
WATERSTOPS		1		11	11					/
CHAMFER STRIPS				Fr	"					
. WEATHER PROTECTION	Q	m Juste	<u>ک</u>	2-22-9:	2:00	PM	348		2-22-95	1415
. SAFETY (LIST)	g	Juste	$\sim$	2-22-95	2:00	PA		30B	2-22-95	1420
1. Eye Protection		11		"	"				<i>\\</i>	\ \cus_{-1}
2. Scaffold Hadder		•		′1	77				<i>\\</i>	
3. Rigging Chick OTHER CHECKS PER SPECIFIC JOB		) / /	5	11	'1	$\dashv$		21 B	E-22-95	1420
Expansion Material	( <del>)</del>	V Z		2-22-9	- 2:a	2Pm		THO -	V	1920
Expansion Makilon	1	giore		2-00 F	2.00	1//\				
. EQUIPMENT USED	NO.	TYPE	TIM	E HO	JRS .	N	0.	TYPE	TIME	HOURS
Mantis 3612	1	Crane	3:3	0 2	,00					
Concrete Bucket	1	1/2 c.y.	3:3		.00					
Concrete Vibrators	2				00:					_
. REMARKS SLUMP = 4" & 33/4"; AIR ENTR. = \$\frac{1}{2} 7%; CONCRETE TEMPS = 65 \frac{1}{2} 60°;										
AIR TEMPS = 65° 4 58°; 3 Test Cylinders (LA-06)										

CONTRACTOR REPRS:

C.O.E. REPRS:

INSTRUCTIONS

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

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

DATE: 02/22/95 REPORT NO.: 99

SKIES: Clear RAIN: O IN. TEMP.: 50 MIN 76 MAX

DUST: None LEVEE CONDITION: Damp CANAL GAUGE: (0.5) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Carpenters completed forming I-Wall Monolith #158 (East Bank); then poured this Monolith at 3:30 PM today. Worked on I-Wall Forms for tapered Fractured Fin Monolith (#155). Cement Finishers patched & rubbed I-Wall Monolith #161, and helped pour and finish Concrete at Monolith #158. Also installed expansion material at the ends of the Concrete I-Wall Monoliths previously poured. Laborers wet down Wall & Burlene at Monolith #161 and #153 periodically today. Operators graded the Temporary Access Road on the East Bank (Robert E. Lee to Pumping Station #4), and worked on Temporary Access Road entrances at Mirabeau Avenue.

GILL'S CRANE SERVICE - East Bank - Pulled up existing Frodingham Sheet Piles from Station 110+95 to 110+30. (up approximately 3.25') then cut these same Piling off at elevation 6.75 for Temporary Flood Protection from Station 111+25 to Station 110+35.

ARCADIA REBAR - Tied Wall Steel in place at I-Wall Monolith #158. Tied two more Wall Steel Curtains on the Levee to be placed at a later date.

CONTRACTO	R/9	SUBCONTRACTORS AND	
AREAS	OF	RESPONSIBILITY	

NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION
7 5 1	Unskilled Skilled Supt. Q.C. Rep.	65 56 10 10	B & K	Forming & pouring Concrete I-Wall; Curing I-Wall Concrete; Patching & rubbing Walls; Working on Wall Forms; working on Temporary Access
2	Skilled Skilled	16 12		Roads. (See locations above.) Pulling & cutting up existing Sheet Piles. (See locations above.) Tying Reinforcing Steel for I-Wall.
				(See locations above.)

N9402NQCRPT1A PAGE 1 OF 3

#### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator 1		Yes	3	5	•
Komatsu D37P Dozer	- 2020	No	0	8	***
Kubota 151 Excavator	Name.	Yes	3	5	- V-
Case 580 Backhoe		Yes	4	4	******
Koehring 535 Crane		Yes	8	0	
MKT Vibro Hammer	****	Yes	4	4	400-
Kobelco LK 500 Loader		No	0	8	~~~
Komatsu 300 Excavator	DEP	Yes	2	6	₹0.0
Fiat-Allis MotorGrader	~~	Yes	3	5	VAV
Mantis 3612 Crane	***	Yes	5	3	w
Komatsu 200 Excavator 2	ARR	No	0	8	was

#### TESTS PERFORMED

(as required by plans/specifications)

DELTA TESTING - performed Concrete testing on the material received from LAFARGE CONCRETE today. Slumps were taken on both trucks, and results were 2 1/2" and 3 1/2" Slumps. Air Content was also checked on one truck, and the Air Content was 7.0%. (DELTA had a problem with their Air Meter.)

#### MATERIALS RECEIVED

Received 18 cubic yards of Concrete (Mix #44) from LAFARGE CONCRETE COMPANY today. This material was placed at I-Wall Monolith #158 on the East Bank. Batch weights were supplied with each truck as required by the Government.

\9402\QCRPT2A PAGE 2 OF 3

### QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

ACE FENCE COMPANY began installing the Wooden Privacy Fencing at the Robert E. Lee Blvd. and Pratt Dr. Staging Area. Completed approximately 73 l.f. of the fencing of the Compound Area. The materials and workmman-ship were both of acceptable quality.

Checked the Reinforcing Steel, Formwork, Waterstops, Expansion Joints, Chamfer Strips of Monolith #158 today (East Bank), and completed the required Form Checklist (LMN #1246). The top of the I-Wall when first checked varied from 11 5/8" to 11 7/8" wide. Carpenters used wooden spreader blocks to open the Wall up to the proper 12" width before placing Concrete.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked Rigging used to lift Forms and Concrete Bucket. All Slings, Shackles, Hooks, and Lifting Eyes were found to be in good condition. Checked Scaffold used to pour Concrete at the I-Wall Monolith #158. Brackets and Walkboards were sound & secured to prevent movement. Handrails and Toe Boards were properly installed. A ladder was placed at one end of the Scaffold and tied in place.

#### REMARKS

(Instructions received, miscellaneous remarks)

The leaking Water Line at the Robert E. Lee Blvd. Bridge was reported to the New Orleans Sewerage and Water Board in November of 1994, and again today. B & K CONSTRUCTION wants to make it clear that our operations did not cause this water leak, and the leak existed prior to the beginning of our contract.

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

Authorized Q C Representative

Date

02/23/95

\9402\QCRPT3A

PAGE 3 OF 3

INSP	ÉCTORS QU	ALITY SU	JRANCE RI	EPORT (QA	(R)	$\hat{}$	THE	OCR WILL I	BE ATTAC	HED TO	O OR FI	LED
	DAILY LOG	GOF CUNST CER 415-1-		- CIVIL			REPOR	NUMBER	0			
TO Area Eng	ineer	<del></del>	COPY	TO: C/Co	nst. Di	v	DATE	/ Friday	thru '	Tues	dav	
CELMN-CI			0011		N-CD	. •		thru 21			-	5
PROJECT Lake	Pontchartra	in, La. an	d Vicinity	, London	Ave. Ca	nal,		ACT NUMBE		<u>zur y</u>	+ //	
	re. to Leon						D.	ACW29-9	4-C-0	079		
CONTRACTOR (Or	hired labor) B &	K Constru	ction Comp	any, Inc.			WEATH	ER				
	1905 Hi	ghway 59, i	mandeviile	, La. 70	<u>44</u> 8		See	<u>attac</u>	hed_C	QC R	eport	s_
		HEDULED DAY SUI							TEMPERA	ATURE		
STRUCTURAL 0/	BORROW	O/ EMBANKMEN	AL O   CONCE	٠, ١	RUCTURE	0/	MINIML		MAXIM			
0/0/50/100 ×	0/0/50/10	<b>a</b>   0/0/50/:	10 <b>%  </b> 0/0/5	0/100 0/	<u>0/5</u> 0/10	<u>0</u>		48°		<u>79</u>		
HAS ANYTHING	DEVELOPED ON TH	IE WORK WHICH I	AICHT E	3 NO [	VEC (Employ				HOUR PRI		ATION	
	NGE ORDER OR FI		MICHI K	] NO [	YES (Expla	irt)	INCHE	-	ENDIN			
	**************************************	VEDANACIT ELIDI C	VEEC				+	2.60"	Dn (55 0)	07	30	М
SUPERVISORY	OFFICE	VERNMENT EMPLO	INSPECTION	TOTAL	LABOR			Canal		AGE		
1-4 hrs	OFFICE	LA1001	1-8 hrs	2-12 hrs				1.50'	TIME	08	00	
	CONTRACTOR'S E	MPI OYEES	1-0 1118	Z-12 III.S	NUMBER O	F SHIFTS	[3] 1	D 2		00	00	
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM 1	10	FROM	Tio		FROM	$\neg \tau$	TO	
2-52½ hrs	9-144 hrs	9-149 hrs	20-3451/3	0730 M	1800M		м	мİ		м		м
B & K C b. Gill's c. Arcadia  WORK PERFORM a) Poured E Mono's #161 #161 and #1 b) Cutt of c) tied res	53 existing sh teel for Ea	Inc REC. Ce - CUTT:  - TYING  - location and description #161; Removed for the cet piles:	PONSIBILITY FOR INFORCED C ING OFF EX RESTEEL Phion of work period Set forms rms from E for temp.	CONCRETE F CISTING SH	RMED TODA: LOODWAL EET PIL A performed to Waterst #161; C	ES; TE	or subcontr nd char with we	nfer st	rips i	e above for Mono	East	
-	nd reasons for same:											
100% of day 50% of day	s lost due									b 95		
No progres work was s work perfo	ress of work, cause sive work w cheduled an rmed during	tas performed performed this perions. 22	ed during d on 20 & od. MAR 96	the perio	. See a PE	ttache ERCENT	d CQC I		for o	deta	_	
The follow REINFORCED	ring CQC Ins CONCRETE F F OF EXISTI	pection Pharmann Phar	ases were See "Verb		ctions"	on ba		this Re	port.			

TEMPORARY FLOOD PROTECTION: No instructions issued.

RESTEEL INSTALLATION: No instructions issued.

 $\overline{\text{NOTE}}$ : No CQC Inspection Phases were attended during the period of 17 thru 20 Feb 95, due to Gov't Rep. not being notified prior to progressive work being performed especially on Mon., 20 Feb 95.

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

The following Follow-Up QA Inspections were performed on Tue., 21 Feb 95:

REINFORCED CONCRETE FLOODWALL: Checked and found Contr. had placed concrete for East I-Wall Mono #161 on Mon., 20 Feb 95. Checked and found forms were set true to alignment & grades for East Mono's #161 and #158 this date. Noted that contr is continuing to wet cure East Mono's #153 and #161 with wetted burlene. Observed removal of forms from East Mono #161 this date, and noted several minor air bubbles in surfaces, but no major surface defects were noted. Observed finishers rubbing surfaces of East Mono's #159 and #161, also patching all tie-rod holes with a dry-pack mortor in East Mono #161. Checked top elev. of East Mono #161 with CQC Rep. and found it to be at approx. elev. +14.40' as required.

TEMPORARY FLOOD PROTECTION: Observed subcontr. pulling existing RZ-10 piles up approx. 3.25' between approx. EB/L Sta's 110+95 & 111+70, then cutting them off at approx. elev. +6.75' for temporary flood protection between approx. EB/L Sta's 111+25 & 111+92.

RESTEEL INSTALLATION: Observed subcontr. setting and tying all required resteel for the wall stem section of East Mono #158 this date. Subcontr. also tied an extra set of wall stem steel. QUALITY CONTROL: Contractor is providing adequate quality control this date.

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

On Tue., 21 Feb 95, QAR, Z. Bryant in accordance with PE, C. Wagner, instructed CQC Rep's M. Tassin and J. Justice that they must notify the Gov't Rep. sufficiently in advance of placing concrete for I-Wall construction, so that the QAR can perform all required QA Inspections. Also informed CQC Rep's that a Gov't Rep. must witness all concrete placement and testing, unless so waivered by a Gov't Rep. for each individual concrete placement. Both CQC Rep's agreed to concur with these instructions. Mr. Tassin also mentioned that he did try to notify Mr. Wagner on Mon., 20 Feb 95, but then realized that it was a Government Holiday when no one could be reach.

CONTROVERSIAL MATTERS IN DETAIL

NONE

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

 $\underline{\text{NOTE}}$ : Photographers from National Geographic were on site on Tue., 21 Feb 95, to film for a possible feature on the New Orleans Area Flood Protection System.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

 GOVERNMENT PERSONNEL ON SITE

 NAMES
 DESIGNATION
 HRS. ON SITE
 DUTIES

 C. WAGNER
 Civ. Engr., GS-11
 4 hrs.
 PE

 Z. BRYANT
 Const. Insp., GS-07
 7 hrs.(Tue)
 QAR

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

On Tue., 21 Feb 95, checked a chain-link sling with 2 metal hooks, being used to shift the vibratory hammer around on the existing levee. Checked links and hooks for elongation and cracks. No elongation noted, however, did notice that one hook had a hair-line crack and the spring loaded safety latches were missing. Instructed Contractor to immediately stop using this sling. Contractor did concur immediately.

<u>Contractor held Weekl</u>	y Safety Meeting on Mon	., 20 Feb 95. See attached	minutes.
INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
Jank	Durant /	(1)	> 12/2 11/62
	BRYANT JR. 22 FE	3 95	/ 2/2 \$/ 70

**QAR #** 70

Fri. thru Tue.

DATE: 17 thru 21 Feb 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	<b>-</b> 0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	0.3%	7.3%	7.3%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.8%	0.3%	1.1%	1.1%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	<b>-</b> 0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	0.3%	7.3%	7.3%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
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### QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performe	ed & Results:	OS sarva	l contra	oter p	resonnal
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# QUALITY CONTROL REPORT DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL B & K CONSTRUCTION JOB NO. 9402

DATE: 02/21/95 REPORT NO.: 98

SKIES: Clear RAIN: O IN. IEMP.: 50 MIN 78 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (0.5) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - (East Bank) Wrecked I-Wall Forms at Monolith #161, cleaned and oiled these Forms, then removed the Bulkheads and set these Forms at Monolith #158 (to fill in between two completed Walls). Placed Burlene Blanket over Monolith #161 and wet down Burlene and Concrete Wall. Cement Finishers patched & rubbed Concrete surfaces on Monolith #161 and #159 today. Laborers worked on Containment Dike for 55 gallon drums in the Staging Area. Survey Crew took measurements and elevation shots on the West Bank from Mirabeau to Filmore at the request of H.B. Kenyon.

GILL'S CRANE SERVICE - Pulled up existing Frodingham Sheet Piling approximately 3.25' from Station 111+70 to Station 110+95. Then cut these Piling off at elevation 6.75 for Temporary Flood Protection from Station 111+92 to Station 111+25.

ARCADIA REBAR - (East Bank) Tied Reinforcing Steel in place at I-Wall Monolith #158 (Wall Curtain only; bottom Steel tied previously). Also tied one Re-Steel Wall Curtain on the Levee for future placement.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY								
NO	TRADE	HOURS							
7 5 1	Unskilled Skilled Supt. Q.C. Rep.	63 45 10 9	B & K "	Wrecking I-Wall Forms; setting I-Wall Forms; curing Concrete I-Wall; patching & rubbing Concrete I-Wall.					
2	Skilled Unskilled	16 8	GILL'S CRANE	Pulling up and cutting off existing Sheet Piling for Temporary Flood Protection. (See locations above.)					
2	Skilled	6	ARCADIA REBR	Tying Reinforcing Steel for I-Wall (See locations above.)					

PAGE 1 OF 3

\9402\QCRPT1A

### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		Yes	2	6	
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator		No	0	8	****
Case 580 Backhoe		Yes	2	6	
Koehring 535 Crane	- Nagara	Yes	6	2	
MKT Vibro Hammer		Yes	4	4	
Kobelco LK 500 Loader		Yes	2	6	
Komatsu 300 Excavator	<b></b>	Yes	3	5	<b></b>
Fiat-Allis MotorGrader		Yes	2	6	*****
Mantis 3612 Crane	V	Yes	6	2	- n

TESTS PERFORMED
(as required by plans/specifications)

None performed today.

#### MATERIALS RECEIVED

None Received today.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected the re-inforcing steel work done today. The bottom vertical bars (#V-1) were #6 rebar spaced at 9" on centers or less, with the tails passed through holes cut in the new Sheet Piling and tied together. There were 82 of these bars (#V-1) in Monolith #158 spaced to miss Sheet Pile interlocks. The bottom horizontal bars (#H-2) were #5 rebar 28'-6" long, with 3" clearance below top of Wall elevation. Upper Wall horizontal bars (#H-3) were #4 rebar 28'-6" long, spaced at 12" on centers each face. The required U-Bars (#U-1, #U-2, and #U-3) were properly placed and tied, as well as the 5'-0" long horizontal #5 bars each face (#H-4) that go between the "H-2" horizontal bars. Plastic tipped bar supports were used to maintain proper clearances from the Forms.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked for Fire Extinguishers at the location of torch burning work today. One 20 pound ABC Fire Extinguisher, fully charged, was on hand in the Koehring 535 Crane. Workers using the torch were wearing proper burning goggles and leather gloves.

Checked lifting brackets on the I-Wall Forms, and tightened the mounting bolts and nuts.

#### REMARKS

(Instructions received, miscellaneous remarks)

Inspector Zane Bryant stated that the contractor must notify the Government Representative ahead of time so that all reinforced Concrete Floodwall work can be inspected properly. Also, placement of Concrete must be witnessed by a Government Representative, unless waived by the Government, for each individual I-Wall pour.

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

fle/assn 02/22/95

Authorized Q C Representative

Date

\9402\QCRPT3A PAGE 3 OF 3

## QUALITY CONTROL REPORT DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

### B & K CONSTRUCTION JOB NO. 9402

DATE: 02/20/95 REPORT NO.: 97

SKIES: Cloudy - Clearing RAIN: 0 IN. TEMP.: 58 MIN 79 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (0.6) NOISE: Moderate

#### WORK PERFORMED/LOCATION

02/18/95 Saturday - No work performed due to wet soil. Rainfall = 0.10".

02/19/95 Sunday - No work performed. Rainfall = 0.25".

O2/20/95 Monday - B & K CONSTRUCTION - Carpenter Crew set the Land Side I-Wall Form at Monolith #161 East Bank, installed Bulkheads, Waterstops, Chamfer Strips, Tie-bolts, and Braces. Plumbed and aligned Forms, and added the top Chamfer Strip at elevation 14.40. Poured Concrete at I-Wall Monolith #161 (East Bank) at 3:00 PM today. Also wrecked Wall Forms off of Monolith #153 and covered with Burlene today. Laborers wet down Wall & Burlene, helped with Concrete forming in the Staging Area. One Bond Cable was installed at Monolith Joint #161-162 prior to I-Wall Concrete pour.

ARCADIA REBAR - Tied Re-Steel Wall Curtain in place at East Bank Monolith #161. Set bottom Steel and top Steel to correct clearances with bar supports. Tied bottom Steel at Monolith #158, and tied one Wall Curtain on the Levee, to be placed later.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY							
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION				
7 5 1 1	Unskilled Skilled Supt. Q.C. Rep.	72 56 9 10.5	8 & K " "	Setting I-Wall Forms; Repairing I-Wall Form (Fractured Fin Form Liner); Placing I-Wall Concrete; Curing I-Wall Concrete; Installing Bond Cable for Cathodic Protection.				
2	Skilled	16	ARCADIA REBR	Tying Re-Steel for new I-Wall. (See locations above.)				

\9402\QCRPT1A

PAGE 1 OF 3

### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	8	40.0-
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator	~~~	No	0	8	<b>V200</b>
Case 580 Backhoe		Yes	4	4	40-4
Koehring 535 Crane	No.ex	No	0	8	-west-
MKT Vibro Hammer	····	No .	0	8	
Kobelco LK 500 Loader		Yes	2	6	**************************************
Komatsu 300 Excavator	•••	Yes	3	5	- comme
Fiat-Allis MotorGrader		Yes	2	6	
Mantis 3612 Crane	****	Yes	8	0	

### TESTS PERFORMED (as required by plans/specifications)

DELTA TESTING - Performed Concrete testing today on I-Wall Concrete slumps and Air Contents today were as follows: Slump =  $2 \frac{1}{2}$  and 3"; Air Content = 4.8% and 4.6%.

#### MATERIALS RECEIVED

Receieved 18 cubic yards of Concrete from LAFARGE today. (Mix #44) This material was placed in the new I-Wall Monolith #161, East Bank. The required batch amounts and weights were not sent out with the delivery truck as requested. I will again follow-up by contacting LAFARGE'S Quality Control Manager, B.J. Eckholdt tomorrow morning.

\9402\QCRPT2A PAGE 2 OF 3

## QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected the Reinforcing Steel work done today. Checked bar sizes, spacing, clearances, and ties. All work done today was correct according to approved Shop Drawings. The #6 Vertical bent bars ("V-1") at each end of the I-Wall Monoliths had to be set at 4 1/2" from the C/L of the Monolith Joint to avoid interference with the 3-Bulb Waterstop material. This will be typical for all Monoliths.

Inspected the Reinforced Concrete Floodwall work done today. The required Government Form #LMN 1246 was completed prior to Concrete placement. Elevation, alignment, & plumbness were controlled by the surveyor. All dimensions were within the allowable tolerances.

#### JOB SAFETY

(Note inspection, violations/actions taken)

The Weekly Safety Meeting was held today at the B & K trailer. The minutes are attached to this report.

The Mantis Crane was put on mats (on the Land Side only) due to soft soil after this weekend's rain. Safety Glasses were provided and worn by Concrete Placing Crew during Concete pour today.

The scaffold and ladders were checked before being used for the Concrete placement.

#### REMARKS

(Instructions received, miscellaneous remarks)

Supt. Mike Tassin attempted to contact the Government's representative at the N.O.A.O. today to inform them of the Concrete I-Wall pour scheduled for this afternoon. Mr. Tassin could not reach Mr. Chris Wagner or Mr. Dennis Duhon today due to the Federal worker's holiday.

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

02/21/95

Authorized Q C Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

	FORM CHECK OUT	FUK		ORCED CONCRET	E FLOODWALL	_		
JOB Lake Pontchartrain, Canal, Mirabeau Ave. MONOLITH #	to Leon C. Simon	Blvd. LEVATIO	D	ACW29-94-C-007   DATE	79 <b>OF POUR</b> - みのー 9・	5		
	INSPECTED B			REVIEWED BY C.O.E.				
ITEM	NAME	DATE	TIME	NAME	DATE	TIME		
A. SHEET PILING	Dall ate	2-20-	5 2:00		<del></del>			
VERTICAL	JAN SCOTT	11	11					
ALIGNMENT		11	11					
CLEANLINESS		- II	l i					
B. CONCRETE PILING	NIA	. 81	lt.					
ANGLE	"	11	11					
HEADS	"	11	f i					
C. STAB. SLAB/JOINTS	Im Justico	2-20-93	2:00					
CLEANLINESS		11	11:					
WATERED		11	17					
WATERJET (JOINT)	NJA	11	11					
D. STEEL REINFORCING	In Justis	2-20-95	2:20					
VERTICAL		11	u.					
HORIZONTAL	. /	11	1/					
SPACING		11	u_					
CLEARANCES		11	ſΙ					
STEEL SCHEDULE		(1	11					
SHOP DRAWINGS .		11	((					
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#6 BAR WELDED		٠,	ſΙ					
CLEANLINESS		1)	(1	٠,				
WATERED '		((	· · · · ·					
E. FORMWORK	Im Inotes	2-20-9	- 2:20	•				
CONDITION		11	()		·			

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INSPECTED B	INSPECTED BY CONTRACTOR REVIEWED BY C.								
NAME	DATE	TIME	NAME	DATE	TIME				
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1 Crane 3'0	0 2!	00		1					
A 11/2 1 . / / 1		,							
2"+3"; AIR ]	ENTR. =	4.8%+4	1.6% CONCRETE	TEMPS = 86	°+79				
= '// <b>+'</b> // ; 3 Tes	st Cylind	lers (LA-	05)						
FINAL			RS:						
to									
INSTE	RUCTIONS								
	NAME  Infraction  Infraction  O'  Infraction  O'  Infraction  O'  Infraction  O'  Infraction  O'  Infraction  O'  Infraction  O'  Infraction  O'  Infraction  Infr	NAME DATE  2-20-  11  11  11  11  11  11  11  11  11	NAME DATE TIME  2-20-75 2:20  11 11	NAME  DATE TIME NAME  2-20-95 2:20  11 11  11 11  0' 11 11  11 11	NAME DATE TIME NAME DATE    Jan Justice 2-20-95 2:20   11   11   11   11   11   11   11				

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

#### MINUTES OF SAFETY MEETING

DATE: 2-20-95	TIME: 7.00 AM
PROJECT: London Avenue Outfall Ca	Na l
MEETING CONDUCTED BY: Jerry Justic	<u></u>
PERSONS ATTENDING:	
Lympud Lafragel  Conditions  Bryan Verdun	
TOPICS DISCUSSED:	nu kin ahi 1861 ilipuki pagan pendandi dinahan adalah 1861 kin paga anun kutuan
the level. The employees were from using curse words, due proximity of adjacent homes The workers were to attempt lifting heavy abjuncting help, and to ask for	f materials in scatfolds should e tripping hazards. of protadity on asked to retrain to the close e also told not ects without a machine to gin, it is important of tripping
comments: The crew requested	a few more.
Stiff push brooms to help  The operator of the D  Reminded all personnel who  work to check slings & cash  Them up to the crank of the  Connections should also be  CONTRACTOR'S SUPE	Clean the streets.  Pan xis Crane  Perform rigging  Seck of rigging  Made  Prode  Prode  Proposition  FRINTENDENT

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

DATE: 02/17/95 REPORT NO.: 96

SKIES: Cloudy - Rain RAIN: 2.5 IN. TEMP.: 48 MIN 62 MAX

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.5) NOISE: None

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - No work performed due to rain & wet soil on the Levee. Concrete pour scheduled for today was rescheduled for Monday - weather permitting.

Subcontractors BAYOU TREE SERVICE, ARCADIA REBAR, AND GILL'S CRANE SERVICE were all delayed today by the bad weather also.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY											
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION								
6	Unskilled Skilled	6 5	8 & K	No work performed - due to heavy rainfall.								
1	Supt.	8	п	Talliali.								
1	Q.C. Rep.	6	II									
0		0	BAYOU TREE	Not able to work - Levee too wet.								
0		0	ARCADIA RBR	п п п								
0		0	GILL'S CRANE	D II II II								
		***************************************										

PAGE 1 OF 3

\9402\QCRPT1A

### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	NAME:	No	0	8	
Komatsu D37P Dozer	Name of the state	No	0	8	
Kubota 151 Excavator		No	0	8	•••
Case 580 Backhoe	***************************************	No	0	8	Variation 1
Koehring 535 Crane		No	0	8	No.
MKT Vibro Hammer		No	Ö	8	was a
Kobelco LK 500 Loader	-boar	No	0	8	****
Komatsu 300 Excavator		No	0	8	-994
Fiat-Allis MotorGrader	Voor	No	0	8	
Mantis 3612 Crane		No	0	8	

TESTS PERFORMED
(as required by plans/specifications)

None today.

MATERIALS RECEIVED

None today.

\9402\QCRPT2A

PAGE 2 OF 3

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

Inspected the Silt Fencing along the East Bank at the present work area. No gaps or breaks in Silt Fence were noted. No signs of any Silt run-off onto Private Property was observed either.

### JOB SAFETY (Note inspection, violations/actions taken)

Checked Safety Fence & Gates at Robert E. Lee Blvd. Fence was intact and gates were locked (as well as the offices & gates at the Staging Area on Robert E. Lee & Pratt Dr.).

#### REMARKS

(Instructions received, miscellaneous remarks)

No work possible tomorrow (Saturday) due to saturated soil on the Levee.

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

Authorized Q C Representative

02/20/95

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSP	ECTORS QU	ALITY SL	JRAN	CE RE	PORT (	QAR)			THE	OCR WIL	L BE ATTA	CHED	TO OR F	LED	
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PROJECT Lake					, Londo	n Ave.	Cana			RACT NUM					
Mirabeau Ave. to Leon C. Simon Blvd., Orleans Parish, Louisiana.								. ]	DACW29-	<u>-94-C-</u> (	0079				
CONTRACTOR (Or	CONTRACTOR (Or hired labor) B & K Construction Company, Inc.								WEA1	HER					
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Note: If the co	ntractor's Quality Co	ontrol Report (QCR	) contain	s the info	rmation it ne	ed not be r	eneated		J. J. J.			•			
CONTRACTOR/SUI	BCONTRACTORS A	NO AREA OF RESI	PONSIBIL	LITY FOR	WORK PER	FORMED T	ODAY								
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WORK PERFORM	ED TODAY (Indicat	e location and descri	ption of w	ork perior	med. Refer to	work perior	med by p	oriine and	for subcon	tractors buy	ieller in Tal	Ne abov	• )		
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b) Attemp	ted to begi	n trimming	tree	s on I	west Le	vee, b	ut gr	couna	was t	oo wet	•				
Days of no work an	d reasons for same:														
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_	gressive wo			d and	perform	med by	B&K	this	date	, due t	o wet	grou	und		
condition	s, and anti	cipated ra	in.												
j							DED	CENT	DRO IE	CT COM	oranio		9.0%		
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	PHASES ATTENDE														
Attended	the followi	ng CQC Ins	pecti	on Pha	ases th	is dat	e:								
REINFORCE	D CONCRETE	FLOODWALL:	No	instr	uctions	issue	d.								
TREE TRIM	MING: No i	nstruction	s iss	ued.											

### 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 the removal of forms from East I-Wall Mono #153, and visually inspected surfaces and fins. Noted several small air bubbles (pin holes), but no major defects, and no broken fractured fins. Observed finishers continuing to rub surfaces of East Mono #157, and providing an adequate finish. Noted that East Mono's #153 and #157. were both covered with wetted burlene as required for curing. Observed B&K beginning to set F/S forms for East I-Wall Mono's #149, #151 and #161.

TREE TRIMMING: Observed Bayou Tree Service attempt to gain access on the West Levee at Mirabeau Ave.. However, due to wet ground conditions from previous rainfall contractor could not perform any work.

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 OCR REPORT OR DISAGREEMENTS:

 $\underline{\text{NOTE}}$ : Concrete Test Cylinders (LA-05) that were molded by Delta Testing, Inc. on Wed., 15 Feb 95, for East Mono #153, were found to be damaged by contractor equipment this date. Therefore, no cylinders will be tested for this Mono.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES

DESIGNATION

HRS. ON SITE

DUTIES

Z. BRYANT

Const. Insp., GS-07

7 hrs.

QAR

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

21 Feb 95

Checked and found back-up alarms working properly on the Case 580 Loader/Backhoe and the Kobelco 500 Loader this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

nell Durant

DATE

SUPERVISOR'S INITIALS

W

DATE

1/23/98

(Heverse of ENG FORM 2538-2 (CIVIL)

ZANĖ

Page 2 of 2 pages

QAR #\_\_\_69\_\_\_\_

**DATE:** Thu. - 16 Feb 95

Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-O <b>-</b>	-0-	0.0%
STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
		L.S.	-Q-	-0-	-0-	0.0%
REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.8%	-0-	0.8%	0.8%
CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2.700 LF	-0-	-0-	-0-	0.0%
TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
			·			
	MOBILIZATION & DEMOBILIZATION  CLEARING & GRUBBING  SELECTIVE DEMOLITION  PEDESTRIAN BRIDGE DEMOLITION  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MULCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING  PULL, CLEAN, SALVAGE, & DELIVER  EXISTING AZ-18 STEEL SHEET PILE  REDRIVE EXISTING AZ-18 STEEL  SHEET PILING  PILING, STEEL SHEET,  TYPE PZ-22  PILING, STEEL SHEET,  TYPE PSA-23  PAINTING  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  UTILITY MODIFICATIONS  TEMPORARY RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  EROSION CONTROL, FIRST 10,670 LINEAR FEET  EROSION CONTROL, ALL OVER 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS	MOBILIZATION & DEMOBILIZATION  CLEARING & GRUBBING  SELECTIVE DEMOLITION  L.S.  PEDESTRIAN BRIDGE DEMOLITION  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MULCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING  PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILES  REDRIVE EXISTING AZ-18 STEEL  SHEET PILING  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PSA-23  PAINTING  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  188 SY  UTILITY MODIFICATIONS  L.S.  TEMPORARY RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  EROSION CONTROL, FIRST 10,670 LINEAR FEET  TEMPORARY FLOOD PROTECTION AND COFFERDAMS  L.S.	MOBILIZATION & DEMOBILIZATION  L.S.  L.S.  CLEARING & GRUBBING  L.S.  L.S.  SELECTIVE DEMOLITION  L.S.  L.S.  PEDESTRIAN BRIDGE DEMOLITION  L.S.  EMBANKMENT, SEMICOMPACTED FILL  STRUCTURAL EXCAVATION AND BACKFILL  FERTILIZING, SEEDING, AND MILCHING  CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILLING  PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILLIS  REDRIVE EXISTING AZ-18 STEEL  SHEET PILING  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PZ-22  PILING, STEEL SHEET, TYPE PSA-23  PAINTING  L.S.  REINFORCED CONCRETE FLOODWALLS  CONCRETE SLOPE PAVEMENT  188 SY  UTILITY MODIFICATIONS  L.S.  L.S.  TEMPORARY RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMANENT RELOCATION OF FEEDER LINES  PERMONENT RELOCATION OF FEEDER LINES  L.S.	Description	MOBILIZATION & DEMOBILIZATION   L.S.   L.S.   61.2%   -0-	MOBILIZATION & DEMOBILIZATION   L.S.   L.S.   61.2%   -0-   61.2%

#### QUALITY CONTROL REPORT DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

B & K CONSTRUCTION JOB NO. 9402

DATE: 02/16/95

REPORT NO.: 95

SKIES: Cloudy

RAIN: Trace IN. TEMP.: 65 MIN 75 MAX

PAGE 1 OF 3

\9402\QCRPT1A

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (2.0) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked Forms off of I-Wall Monolith #153 and covered same with soaked Burlene - Set Canal Side Forms for I-Wall Monolith #151, #149, and #161. (plumbed and braced each) Cement Finishers patched and rubbed I-Wall Monolith #157 filling small air bubble holes.

BAYOU TREE SERVICE - Tree trimmers attempted to access the job and start trimming trees on the West Bank of the Canal at Mirabeau St. But, wet site conditions caused their trucks to get stuck - so no work was done today there.

	CONTRACTOR/SUBCONTRACTORS AND											
			f	AREAS OF RES	PONSIBILITY							
	МО	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION							
	7 5	Unskilled Skilled	70	B & K	Wrecking I-Wall Forms - Setting							
	1	Supt.	50 10	11	I-Wall Forms - Curing Concrete I-Wall - Patching I-Wall Concrete.							
	1	Q.C. Rep.	10	"								
I												

### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	*****	No	0	8	****
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator		No	0	8	<b>~~</b>
Case 580 Backhoe		Yes	8	0	***************************************
Koehring 535 Crane		No	0	8	w
MKT Vibro Hammer		No	0	8	√ou.
Kobelco LK 500 Loader	- Vac	No	0	8	- Name
Komatsu 300 Excavator		Yes	4	4	Name:
Fiat-Allis MotorGrader		No	0	8	
Mantis 3612 Crane		Yes	8	0	

### TESTS PERFORMED (as required by plans/specifications)

Test cylinders taken for I-Wall Monolith #153 were damaged yesterday, and will not be able to be taken in today for testing.

#### MATERIALS RECEIVED

No materials received today.

\9402\QCRPT2A PAGE 2 OF 3

### QUALITY CONTROL REPORT INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected I-Wall Monolith #157 and found it to be free from honey combs and excessive air bubble holes. Alignment of Forms was set using 2.5' offset from Centerline of I-Wall. Damaged Fractured Fin Forming that separated from the Formwork was cleaned, repaired, and re-installed before Forms were set.

JOB SAFETY

(Note inspection, violations/actions taken)

Workers were instructed to be cautious of wet Levee conditions and to not attempt to carry Pumps, Generators and other heavy items without help. All workers were wearing proper Hard Hats, Gloves, and Safety Glasses. The GFI protection on the Generator was tested and found to be operational.

#### REMARKS

(Instructions received, miscellaneous remarks)

The streets were cleaned more thoroughly along with the walkway across the Robert E. Lee. Bridge.

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

Authorized Q C Representative

Date

02/17/95

\9402\QCRPT3A

PAGE 3 OF 3

INSPE	INSPECTORS QUALITY SURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - CIVIL									THE CAF		VCHED	TO OR F	ILED
	J 100	(ER 415-1-			Ç. 71L				REPORT	NUMBER	4			
		,							68					
TO Area Eng	ineer,			COPY		/Const		.v.	DATE	We	dnesda	ay		
CELMN-CD-	-NO	<del> </del>	1			<u>ELMN-C</u>			15 February 1995					
PROJECT Lake									CONTRA			00=		
Mirabeau Ave							Loui	siana.			·94-C-(	<u>0079</u>		
CONTRACTOR (OF	CONTRACTOR (Or hired labor) B & K Construction Company, Inc. 1905 Highway 59, Mandeville, La. 70448							WEATHE	R				,	
						70448				Cloud	y & Wa			
CTD ICT ID A			EDULED DAY SUITABLE FOR OPERATIONS							TEMPER	RATUR	<u> </u>		
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKME		CONCR		STRUCT			MINIMUL		MAXI	MUM		
50 %	50	<u>*                                    </u>	50 %		<u>5</u> 0 %		50	%		55°			78°	
HAS ANYTHING D	EVELOPED ON TH	E WORK WHICH I	MIGHT	€	k NO	☐ YES	(Evolu	ars)	*********		HOUR P		TATION	
	IGE ORDER OR FIN			•	V 140	U 123	(CAMA	,	INCHES		END		700	
	NUMBER OF COL	/ERNMENT EMPLO	OVEER			<del></del>				.00"	07450		730	<u> </u>
SUPERVISORY	OFFICE	LAYOUT		CTION	TOTAL		BOR		FEET	<u>Canal</u>				
1-2 hrs.	5.1.52		1-10		2-12 h		~~			00'	TIME	_	300	
	CONTRACTOR'S EN	APLOYEES	<u>11-10</u>	IIIS	2-12 11		BER OF	F SHIFTS	<u></u>	00 2	<del></del>		300	<u>M</u>
SUPERVISORY	SKILLED	LABORERS	TOTAL		FROM	TO		FROM	Ττο		I FROM		TO	
2-21 hrs	5-54 hrs	7-77 hrs	14-	152	0700	1 -	00 M	I THOM M		м	1	м		м
											<del></del>			
	r following: (a) Maj htractor's Quality Co								of contract	or perso	nnel onsite	8.		
CONTRACTOR/SUB	CONTRACTORS A	NO AREA OF RES	PONSIBI	LITY FOR	WORK PE	RFORMED	TODAY	Y						
						_								
a Bakco	onst. Co.,	inc RE	INFOR	ED C	ONCRETE	FLOOI	WALI	<u> </u>						_
b														_
C.														
WORK PERFORME	ED TODAY (Indicate	location and descri	ption of w	ork perio	rmed. Refer t	lo work peri	ormed b	y prime and/or	subcontrac	lors buy	letter in Tal	ble abov	·• )	
a) Set L/S	form, Bull	kheads, 3-H	Bulb W	Jater	stops,	and Cl	namfe	er stri	s for	East	I-Wal	1 Mc	ono	
	Rubbed and i	-						-						
,	no's #157 a	-							,			Ü		
Days of no work and	reasons for same			_							-			
	ys lost due	o to advor	20 MO	ther	/wat ar	ound (	andi	itione o	n 13 E	ah Q	5			
	iys lost due iys lost due													
70% OI da	iya 10ac du	e to adver	- WC6	icher	, wee gr	ound, v	ona	ICIONS (	711 14 0	. 1) .		•		
Information on progr	ress of work, causes	for delays and ext	ent of de	days, Pla	nt, material,	etc.								
Progressiv	e work was	scheduled	and 1	perfo	rmed by	B&K t	this	date. H	Iowever	, wo:	rk was	slo	w due	e
_	ound condita		-		-									
Bayou Tree	Service to	o trim tree	es on	west	levee	this	date							
							PE	ERCENT P	ROJECT	COME	PLETE:		9.0%	
DATE SET	FOR COMPLET	ION: 22	MAR	96	_		PE	ERCENT T	IME EL	APSEI	):	3	31.3%	
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTI	ONS GIV	EN:				_						
Attended t	he followin	ng CQC Insp	pectio	on Ph	ases th	is da	te:							
REINFORCED	CONCRETE 1	FLOODWALL:	No :	instr	uctions	issue	ed.			,				
QUALITY CO		instruction												
40112111 00					-									

### 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: Checked alignment of forms for East I-Wall Mono #153 this date, and found to be true to line and grade. Preformed Pre-Placement Inspection on East I-Wall Mono #153 as required (see attached LMN Form 1246). Found all OK. Observed placement and vibrating of concrete into forms for East I-Wall Mono #153, between approx. East B/L Sta's 116+53.32 and 116+82.19, between approx. elev's +2.00' and +14.40'. Concrete was receiving adequate vibrations. Witnessed Rep. from Delta Testing performing all required concrete testing and molding 3 test cylinders (see Remarks below for results). Checked and found that Mono's #157 and #159 were covered with wetted burlene as required for the moist curing of these monos. Inspected surfaces of East I-Wall Mono #159 this date after forms were removed. Noted that no fins were broken and flush surfaces had less air bubbles than Mono #157. Observed finishers rubbing surfaces and repairing broken fractured fins on East Mono #157, and packed tie-rod holes in Mono #159 with dry-pack mortor as required. QUALITY CONTROL: Contractor is providing adequate quality control this date.

VERBAL INSTRUCTIONS GIVEN TO CONTRACTOR	(include names, reactions and remarks)
NONE	

NONE

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

CONCRETE TEST RESULTS: Slumps =  $5\frac{1}{2}$ " & 6"; Air Entr.= 3.75% & 4.0%; Concrete Temps = 74°& 77°; Air Temps = 79° 78°. Delta Testing also molded 3 test cylinders (LA-05), which were accidently destroyed.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

GOVERNMENT PERSONNEL ON SITE

NAMES	DESIGNATION	HRS. ON SITE	DUTIES
C. WAGNER	Civ. Egnr., GS-11	2 hrs.	PE
Z. BRYANT	Const. Insp., GS-07	9 hrs.	QAR

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

Checked and found cement finishers wearing hard hats, rubber gloves, and eye protection this date.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE

SUPERVISOR'S INITIALS

DATE

SUPERVISOR'S INITIALS

2/22/57

ZANE D. BRYAND JR. 16 FEB 95

QAR #\_\_\_68

DATE: Wed. - 15 Feb 95

Item No.	Description	Contract Quan <b>tit</b> y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.5%	0.3%	0.8%	0.8%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 1f	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
		-					

FORM CHECK OUT FOR STRU. JRES REINFORCED CONCRETE FLOODWALL								
JOB Lake Pontchartrain, LA. and Vicinity, London Ave CONTRACT NO.  Canal, Mirabeau Ave. to Leon C. Simon Blvd.  MONOLITH  LIFT NO. ELEVATION  # 153  One from 2.00 to 14.40  2-15-95								
· • • • • • • • • • • • • • • • • • • •	INSPECTED B	BY C.O.E	C.O.E.					
ITEM	NAME	DATE	TIME	NAME	DATE	TIME		
A. SHEET PILING	Importo	2-15-9	2:15	306	2-15-95	1415		
VERTICAL		11	17		_			
ALIGNMENT		11	11	,				
CLEANLINESS		11	11			_		
B. CONCRETE PILING	N/A			NA	NA	N/A		
ANGLE	7,	-		,1	I,	и		
HEADS	11			11	,1	И		
C. STAB. SLAB/JOINTS	In Justs	2-15	2:15	3103	2-15-95	1415		
CLEANLINESS	00	1/	11			-		
WATERED		1,	,,		, ,			
WATERJET (JOINT)	N/A			NA	N/A	N/4		
D. STEEL REINFORCING	In Justie	2-15	2:15	31B	2-15-95	1420		
VERTICAL		<i>h</i> .	11					
HORIZONTAL	. /	11	Ħ	V				
SPACING		71	(1		<b>レ</b> .	V		
CLEARANCES		[1	11	V	V			
STEEL SCHEDULE		11	( )		~	~		
SHOP DRAWINGS .		11	11	V		_		
TIE WIRES		11	11 -	V		•		
#6 BAR WELDED		11	11	. /		_		
CLEANLINESS		11 -	. 1,1	~	<i>\tag{\tau}</i>	ر		
WATERED		ંલ	( ) ( ) ( ) ( ) ( ) ( )	~				
FORMWORK	Om Justio	2-15	2:15	3/10/8	2-15-95	1425		
CONDITION		11	(1		-	~		

1		INSPECTED BY CONTRACTOR REVIEWED						BY C.O.E.		
ITEM		NAME			TIME	ME N			DATE	TIME
E. FORMWORK (CONT) ALIGNMENT	2	In Justice		2-15-9	- 2:	2:15		B	2-15-95	1425
CLEANLINESS	1			"	11					_
RELEASING AGENT				"	11			/		
TIES AND BOLTS		1		,,	(1					
LENGTH 28.88'				71	11			/_		
WIDTH 1.75 % 1.00				11	. 11					
· HEIGHT 12.40			_	11	t <sub>1</sub>				,	
WATERSTOPS				1,	11					)
CHAMFER STRIPS		V		t)	1'					
. WEATHER PROTECTION	5	m Jus	ho	2-15-	g- 2	:/5	15 7NB		2-15-95	1430
. SAFETY (LIST)	0	In Ost	tio	2-15-9	ري اي	15	A	B	2-15-95	1430
1. Eve Protection				11	1		θ ι		<u> </u>	
2. Scaffold + Ladd.	۲_			- 11	- '/					
3. Kigging Check  OTHER CHECKS PER  SPECIFIC JOB			-		- 11	+				
Expansion Materia	/ /	vone This	Pour			1				-
				. 1		+				
. EQUIPMENT USED	NO.	TYPE	TIM	E HOU	RS ·	NO	).	TYPE	TIME	HOURS
Mantis 3612	1	Crane:	3: /							_
Concrete Bucket	ا ا	1 1/2 c.y. 3:4		5 2	2					
Concrete Vibrators	2	21/2" Head	31	5 2	2				ļ	
J. REMARKS  SLUMP = 5 1/2" \$ 6"; AIR ENTR. = 3.75% \$ 4%; CONCRETE TEMPS = 74° \$ 77°;										
AIR TEMPS = 79° { 78° ; 3 Test Cylinders (LA-05)										

INSTRUCTIONS

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

C.O.E. REPRS:

CONTRACTOR REPRS:

### QUALITY ASSURANCE REPORT SUPPLEMENT

A Inspections	Performed & Results:	Obsanual	that o	neviously
placed	I-walls	WERE LOVER	ed + wat	with
	for coring			
tinishan	rubbing	+ ripairing	I- wal	1 using
sail com	ant midyra.	Als	sburved p	lacament
12 f cond	erata for	Mono: # 15	3 0	Sarvad.
Jaborus	vibrating	concenta	whom p	laced +
witnessel	a.r + 3	show tasts	- Slump	was
5 1/2 "	H Air 3.75	1. Slum	p was	but tos
high	h. futurn.	· chacked	to corr.	est problem
73 +1	he futura.			· ,
structions to C	OC/Remarks:	N/A		
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		Chun f	Dagner (	Proj Engr

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

DATE: 02/15/95 REPORT NO.: 94

SKIES: Cloudy RAIN: 0 IN. TEMP.: 65 MIN 70 MAX

<u>DUST</u>: None <u>LEVEE CONDITION</u>: Wet <u>CANAL GAUGE</u>:(2.0) <u>NOISE</u>: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Wrecked Forms off of I-Wall Monolith #159, and set Burlene Blanket in place. Laborers kept the Burlene and Concrete surfaces wet throughout the day. Set Land Side Form, Waterstop, Bulkheads, and Chamfer Strip on I-Wall Monolith #153. Braced off, aligned, & plumbed these Forms; then poured Concrete at Monolith #153 on the East Bank at 2:45 PM Laborers repaired the Silt Fence on the East Bank at Station 119+00. Cement finishers patched & rubbed I-Wall Monolith #157, filling small air bubble holes and repairing broken Fractured Fins.

Too wet for any Tree Trimming work that was planned today by BAYOU TREE SERVICE.

NO	TRADE	HOURS	AREAS OF RESI	PONSIBILITY  LOCATION/WORK DESCRIPTION
7 5 1 1	Unskilled Skilled Supt. Q.C. Rep.	77 54 10 11	B & K " " "	Wrecking I-Wall Forms; Setting I-Wall Forms; Curing Concrete I-Wall; Repairing Silt Fence; Patching I-Wall Concrete.

CONTRACTOR/SUBCONTRACTORS AND

PAGE 1 OF 3

\9402\QCRPT1A

### QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	8	****
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator		No	0	8	
Case 580 Backhoe	V ∧ee	Yes	5	3	
Koehring 535 Crane	· voca	No	0	8	1,000
MKT Vibro Hammer		No	0	8	Nadow
Kobelco LK 500 Loader	www	No	0	8	****
Komatsu 300 Excavator		Yes	4	4	<b>*</b> ***
Fiat-Allis MotorGrader		Yes	2	6	<b>~~</b>
Mantis 3612 Crane		Yes	8	2	wage

### TESTS PERFORMED (as required by plans/specifications)

DELTA TESTING - Performed Concrete testing today on Ready-Mix Concrete from LAFARGE CONCRETE. This material was placed at I-Wall Monolith #153. Slumps taken today were 5 1/2" and 6"; Air Contents were 3.75% and 4.0%.

#### MATERIALS RECEIVED

Received 18 c.y. of Concrete Mix #44 from LAFARGE CONCRETE today. No water was added at the jobsite, however the Slumps were too high. LAFARGE CONCRETE'S Quality Control Manager was notified of this problem. Any future Concrete deliveries not within tolerance (Slump or air Content) will be rejected at the jobsite.

\9402\QCRPT2A

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

Inspected the Reinforced Concrete Floodwall work performed today. Formwork Reinforcing Steel, Steel Piling, Stabilization Slab, Waterstop, and Chamfer Strips were all checked. The required Form checklist was completed and signed prior to Concrete placement at 2:45 PM. Forms were shimmed up to bottom elevation of 2.00, and then the top of Concrete Wall elevation was set, using a Surveyor's Level, at elevation 14.40. The top grade was set at 14.42 on the Land Side as required. Alignment of Forms was set using at 2.5' offset from Centerline of I-Wall. A Transit was then used to plumb the top of the Forms to proper alignment, and to make sure there was no movement of Forms after being set.

JOB SAFETY

(Note inspection, violations/actions taken)

Checked workers for Steel Toe Boots, Hard Hats, and Eye Protection during today's Concrete pour. All employees were wearing proper personal protection at this time. Cement Finishers also wore Gloves for hand protection.

#### REMARKS

(Instructions received, miscellaneous remarks)

The Concrete Test Cylinders made today were accidently damaged by the Komatsu 300 Excavator at approximately 5:30 PM. The operators were instructed to be aware of the Cylinder locations and stay clear of them in the future.

I certify to the best of my knownedge 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.

02/16/95

Authorized Q & Representative

Date

\9402\QCRPT3A

PAGE 3 OF 3

INSPE	CTORS QUAL					QAR)		WITH THE QAF		TO OR FIL	,ED	
		(ER 415-1-			J. J. L.			REPORT NUMBER	-			
TO Area Engi				COPY	TO. C/	Const Di		DATE III	67	<del></del>		
O Area Engi CELMN-CD-				COPI		Const. Di LMN-CD	LV •	Tuesday 14 February 1995				
PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal, CONTRACT NUMBER												
Mirabeau Ave							siana.	DACW29-	94-C-0079	9		
CONTRACTOR (Or h	nired labor) B & K			-				WEATHER			`	
	1905 High					/0448		Partly Partly	Cloudy &			
STRUCTURAL		EMBANKMEN		CONCR		STRUCTURE		MINIMUM	TEMPERATU	<u>RE</u>		
EXCAVATION 50%	BORROW EXCAVATION 50%		 50 %		50 %		*	45°	MAXIMUM	55°		
	30 2		70 ~	·					HOUR PRECIP			
	EVELOPED ON THE VI GE ORDER OR FINDI		MIGHT	K	) NO	YES (Expla	urı)	INCHES	ENDING	<u> </u>		
							0.00"		<u> 30</u>	M		
SUPERVISORY	NUMBER OF GOVER	NMENT EMPLO		CTION	TOTAL	LABOR			RIVER STAG	<u> </u>		
1-2 hrs.	OFFICE LA	11001	1-8		2-10 hr			1.50'	TIME	300		
	ONTRACTOR'S EMPL	OYEES	1-0	IIIS	2-10 III	NUMBER O	F SHIFTS	<u> </u>		000		
SUPERVISORY	SKILLED L	ABORERS	TOTA	L	FROM	то	FROM	TO	FROM	то		
3-19½ hrs	5-42 hrs 7	-52 hrs	15-1	$13\frac{1}{2}$	0700 M	1630 M	м	м	<u> </u>		M	
	tollowing: (a) Major i tractor's Quality Contr							of contractor perso	nnel onsite.			
CONTRACTOR/SUB	CONTRACTORS AND	AREA OF RES	PONSIB	ILITY FOR	WORK PERF	FORMED TODA	Υ					
a B&KCo	nst. Co., In	oc REI	NFOR	CED C	ONCRETE	FLOODWAL	T.					
						12002					_	
	<u>ee Service -</u>	NO WOLF	<u> </u>	.s uat	<u>e</u>						-	
C										_	-	
WORK PERFORME	D TODAY (Indicate los	cation and descri	ption of	work period	rmed. Refer to	work performed l	by prime and/o	r subcontractors buy	letter in Table ab	ove )		
•	d setting fo	•		-			and cha	amfer strip	s for Eas	st I-Wa	11	
Mono #159;	Placed concr	ete for H	East	I-Wal	1 Mono #	159			•			
b) Too wet	to allow for	tree tri	immin	ig to	be perfo	rmed alo	ng the	west levee.				
					•		J					
Days of no work and	reasons for same:											
100% of day	lost due to	adverse	weat	her/w	et groun	nd condit	ions on	13 Feb 95.				
	lost due to				_							
	ess of work, causes to						1		000 B			
Progressive details.	work was sc	neduled a	ina p	erior	med by E	S&K this	date. S	ee attached	CQC Repo	ort for		
details.												
						PF	ERCENT F	ROJECT COME	PLETE:	8.9%		
DATE SET F	FOR COMPLETIC	ON: 22	MAR 2	96		PF	ERCENT I	IME ELAPSEI	):	31.2%		
COC INSPECTION F	PHASES ATTENDED A	ND INSTRUCTION	ONS GI	VEN:								
Attended th	e following	CQC Inspe	ectio	n Pha	ses this	date:						
	CONCRETE FLO	-						•				
							. E . L . J .					
GENERAL HOU	SEKEEPING:	see "verb	oaı 1	nstru	ctions"	on back	or this	report.				
QUALITY CON	TROL: No in	struction	ns is	sued.								

## 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: Checked and found alignment of forms for East Mono #159 to to true to line and grade. Performed Pre-Placement Inspection on East Mono #159 as required (see attached LMN Form 1246). Observed placement and vibrating of concrete into I-Wall forms this date, for East I-Wall Mono #159, between approx. East B/L Sta's 118+15.70 & 118+44.56, and between approx. elevations +2.00' and +14.40'. Concrete was placed in approx. 12" to 18" lifts and properly vibrated. Witnessed Rep. from Delta Testing, Inc. molding 3 concrete test cylinders (LA-04) and performing required slump test, air entrainment test, and temperatures (see Remarks section below for results). Spot checked forms for movement with CQC Rep. GENERAL HOUSEKEEPING: Checked and found contractor housekeeping of jobsite to be very good, with the excepting of tracked mud onto adjacent R. E. Lee Blvd. (See Verbal Instructions). QUALITY CONTROL: Contractor is providing adequate quality control this date.

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

QAR, Z. Bryant instructed CQC Rep., M. Tassin to have all dirt and debris cleaned off of adjacent R. E. Lee Blvd. and bridge by COB this date. Mr. Tassin stated that the adjacent streets and bridge would be cleaned by COB this date.

CONTROVERSIAL MATTERS IN DETAIL:

NONE

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

CONCRETE TEST RESULTS: Slumps=  $2\frac{1}{4}$ " & 1"; Air Entr.= 4.5% & 5%; Air Temps= 67°; and Concrete Temps= 66° & 67°.

REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

 GOVERNMENT PERSONNEL ON SITE

 NAMES
 DESIGNATION
 HRS. ON SITE
 DUTIES

 C. WAGNER
 Civ. Engr., GS-11
 2 hrs.
 PE

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

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

Checked and found ladders to scaffolds properly secured and extending approx. 3' above the scaffold landing as required. Ladder was in very good condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
Sanc Dugart			1 1 1
		1 14 1 <del>1</del> 1	1 2/12/65
ZANE D' BRYANT, JR.	15 FEB 95	y ~	1 2/2/17

QAR #\_\_\_\_67

**DATE:** Tue. - 14 Feb 95

Item		Contract	Estimated	Placed	Placed	Distant	ο/
No.	Description	Quan <b>tity</b>	Quantity	Praced Prev.	Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	0.2%	0.5%	0.5%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

FORM CHECK OUT FOR STRU URES REINFORCED CONCRETE FLOODWALL								
JOB Lake Pontchartrain, LA. and Vicinity, London Ave CONTRACT NO.  Canal, Mirabeau Ave. to Leon C. Simon Blvd.  DACW29-94-C-0079								
MONOLITH LIF	T NO. · _  E	LEVATION	00 to 1	1.40 DATE OF 2-1	POUR 4-95			
	INSPECTED BY	Y CONTRA	ACTOR	REVIEWED	BY C.O.E	•		
ITEM	NAME	DATE	TIME	NAME	DATE	TIME		
A. SHEET PILING	mustice	2-14-95	11:45	218	2-14-95	1210		
VERTICAL	V	t <sub>I</sub>	11					
ALIGNMENT	V	H.	11		-	·		
CLEANLINESS	V	17	1/	~	-			
B. CONCRETE PILING	N/A			N/A	N/A	NA		
ANGLE	11			и	11	И		
HEADS	//			ŗı	11	ч		
C. STAB. SLAB/JOINTS	In Justice	2-14	11:45	31B	2-14-95	1210		
CLEANLINESS		11	//		-			
WATERED		11	//		-			
WATERJET (JOINT)	N/A			N/A	NA	N/A		
D. STEEL REINFORCING	Im Justo	2-14	11:45	718	2-14-95	1215		
VERTICAL		11	11			/		
HORIZONTAL		"	"1			)		
SPACING		11	1/	~		\ \		
CLEARANCES		4	//	V	V	· ·		
STEEL SCHEDULE		'1	11	~		V		
SHOP DRAWINGS .		17	11					
TIE WIRES		11	(/-	/		4		
#6 BAR WELDED		1/	1/					
CLEANLINESS		· 4	u u			<u></u>		
WATERED '	teraper ( )	ê II	Serie G		•	V		
E. FORMWORK	Jan Justio	2-14	11:45	- 30B	2-14-95	1220		
CONDITION		· u	<b>17</b> - 1		$\nu$			

·		_^	· ·		· ··		<u> </u>		1
: · · · · ·	:	···INSPEC	TED B	Y CONTRA	CTOR		ŔEVIEWED	BY C.O.E	•
ITEM		NAME	<b>.</b>	DATE	TIME		NAME	DATE	TIME
E. FORMWORK (CONT) ALIGNMENT	7	Im Juston		2-14	11:4	5	78B	2-14-95	1220
CLEANLINESS					u				~
RELEASING AGENT				ų	11				_
TIES AND BOLTS			/	· · · · · · ·	11			<u> </u>	
LENGTH 28.88'				11	11			V	
WIDTH 1.75 → 1.00				11	. (1		. /		
· нетент /2.40'				_ 11	ri.		/	V	
WATERSTOPS				u'	ท				
CHAMFER STRIPS				10	1/				~
. WEATHER PROTECTION		musto		2-14	11:4	15	AB	2-14-95	1250
S. SAFETY (LIST)	6	In Jus	tro	2-14-95	11:4	15	3/18	2-14-95	1230
1. Eye Protection 2. Seaffold + Ladder	(		/	11	1/				
3. Rigging Check OTHER CHECKS PER				11	- 11				
· SPECIFIC JOB Expansion Material	Non	e This Pe	ur	11	- "				
				. ]					
. EQUIPMENT USED	NO.	TYPE	TIM		RS ·	NO.	TYPE	TIME	HOURS
Mantis 3612 1/2 c.y. Bucket	1	Crane			1/2				
Concrete Vibrators	2		12:		- 1/2				
J. REMARKS  SLUMP = 2'/4" & /" ; AIR ENTR. = 4.5% \$ 5.0%; CONCRETE TEMPS = 66° \$ 67°;									
AIR TEMPS = 67° 4 67°; 3 Test Cylinders (LA-04)									
FINAL CLEARANCE									
CONTRACTOR REPRS: Justice Construction C.O.E. REPRS: Zanul Jugat									
ONCRETE PLACING SHALL	NOT	DECIN UNT		UCTIONS	4 16 CF	IECKEL	AND THE EX	VAL CIEADA	ME IS
IGNED. IF ANY ITEM IS									

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

## QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results	e 05 saru	rad the	placament	i of
converta for move	# 159.	Concrata	was b.	ling
wall vibrated +				, , ,
possible from in				9 /
ar + slump tas				
(Sa. attached short	tor 1	tast rasu	$f(f_s)$	·-
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	1101		11	
Instructions to COCRemarks:		givan	70 day	
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_	Name	of Lagren	Coi Tale	Engr

#### QUALITY CONTROL REPORT DACW29-94-C-0079 LONDON AVENUE OUTFALL CANAL

B & K CONSTRUCTION JOB NO. 9402

DATE: 02/14/95 REPORT NO.: 93

\9402\QCRPT1A

SKIES: Pt. Cloudy RAIN: O IN. TEMP.: 45 MIN 65 MAX

LEVEE CONDITION: Wet CANAL GAUGE: (1.5) NOISE: Moderate DUST: None

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Too wet for any tree trimming work planned today (bucket truck could not travel on the Levee). Carpenters completed Formwork on I-Wall Monolith #159 (East Bank). Set Bulkheads, Land Side Panel. & Waterstop, then plumbed and aligned both Form Panels. Top of Wall grade was set, Chamfer Strip was added, and tie-bolts were installed. Scaffolds and handrails had to be installed on this set of Forms also. Concrete was placed at Monolith #159 (East Bank) from 12:30 to 3:00 PM today. Laborers flagged traffic, cleaned debris off of the sidewalk and streets, helped with concrete placement, and covered the fresh Concrete with Burlene before leaving.

	CONTRACTOR/SUBCONTRACTORS AND AREAS OF RESPONSIBILITY									
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION						
7 5 1 1	Unskilled Skilled Supt. Q.C. Rep.	52 42 9 8.5	B & K	I-Wall Formwork; I-Wall Concrete placement; cleaning streets; Concrete curing & cleanup. (See locations above.						
1	Supt.	2	BAYOU TREE	Too wet for bucket truck - No work performed today.						

PAGE 1 OF 3

# QUALITY CONTROL REPORT EQUIPMENT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	8	
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator		No	0	8	Name of the state
Case 580 Backhoe		No	0	8	Yes
Koehring 535 Crane		No	0	8	
MKT Vibro Hammer		No	0	8	·
Kobelco LK 500 Loader		Yes	3	5	
Komatsu 300 Excavator		No	0	8	**************************************
Fiat-Allis MotorGrader -		Yes	3	5	
Mantis 3612 Crane		No	8	0	

# TESTS PERFORMED (as required by plans/specifications)

DELTA TESTING performed Concrete Tests today. I-Wall Monolith #159 Concrete placement. Slumps taken today were 2 1/4: and 1"; Air Contents taken were 4.5% and 5.0%.

#### MATERIALS RECEIVED

Received 18 cubic yards of Concrete (Mix #44) from LAFARGE CONCRETE today. This material was placed in I-Wall Monolith #159 (East Bank). Some difficulty was observed in attempts made to get a workable slump, while staying within the limits of allowable water to be added at the jobsite. LAFARGE CONCRETE will be contacted to try & correct this problem.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected the Reinforced Concrete Floodwall work performed today. The checklist (LMN Form #1246) was completed prior to placement of Concrete. No deficiencies were observed. Form alignment was monitored during the Concrete pour. Only minor adjustments (0.02') were needed, and once adjusted, the Forms did not move at all.

JOB SAFETY (Note inspection, violations/actions taken)

Checked scaffolding and ladders on I-Wall Forms. Ladder was secured at the top and bottom to prevent movement. 2"x12" scaffolding was set up on metal walkway brackets, with proper 2"x4" handrails & toe boards installed.

REMARKS .

(Instructions received, miscellaneous remarks)

The streets were cleaned by the labor crew today, however some dirt remained. I will instruct the crew to do a more thorough job tomorrow, and from now on.

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

Authorized Q C Representative

Date

02/13/95

\9402\QCRPT3A

PAGE 3 OF 3

						_								
`_ INSPI	ECTORS QU	ALITY SU	JRAN	ICE RE	EPORT	(QA	AR)		TH	E OCR WILL ITH THE QAR	BE ATTACHED	TO OR FI	LED	
	DAIL! LOC	(ER 415-1-		···OI	CIVIL				REPO	ORT NUMBER				
		(ER 415-1-	302)						- 1 '		66			
to Area Eng	ineer.			COPY	TO: C	/Co	nst. I	)iv	DATE	DATE Sat., Sun. & Mon.				
CELMN-CD	•			0011	,		N-CD	, _ • •	1	Sat., Sun. & Mon. 11, 12 & 13 February 1995				
PROJECT Lake Pontchartrain, La. and Vicinity, London Ave. Canal,									TRACT NUMB		ary r	192		
Mirabeau Av		•		•	-			,		DACW29-G	94-C-0079	)		
CONTRACTOR (Or									$\overline{}$	THER			,	
		ghway 59,		-	, ,		448			Loudy &	Cool wit	h Rair	,	
		HEDULED DAY SUI							<del>                                      </del>	roudy d	TEMPERATUR			
STRUCTURAL	BORROW	EMBANKMEN	νT	CONCR	ETE	ST	RUCTURE		MINI	MUM	MAXIMUM			
EXCAVATION () %	EXCAVATION	*	0 %		0 %			0%		40°		2°		
		~		I		_					HOUR PRECIP			
	DEVELOPED ON TH		MIGHT	1	k NO		YES (Exp	dain)	INC		ENDING			
LEAD TO A CHAN	NGE ORDER OR FI	NDING OF FACT?							"~~	1.90"		30		
	NUMBER OF GO	VERNMENT EMPLO	YEES			_			+-		RIVER STAGE			
SUPERVISORY	OFFICE	LAYOUT		ECTION	TOTAL		LABOR		FEE		TIME			
				hrs	1-8 hr				1	1.50'		00		
NI MARER OF	CONTRACTOR'S E	MPI OYFES	1 1	111.5	1 0 111	3	NUMBER	OF SHIFTS			3			
SUPERVISORY	SKILLED	LABORERS	TOTA	<u> </u>	FROM	Ti	0	FROM	TO		FROM	то	_	
2-6 hrs	5-5 hrs	7-7 hrs	14-1	8 hrs	0700	1	000 M	1	м	м і	M	1	м	
												<u> </u>		
	e following: (a) Ma ntractor's Quality C								on of con	Iractor person	nel onsite.			
CONTRACTOR/SUE	SCONTRACTORS A	NO AREA OF RES	PONSIB	HLITY FOR	WORK PE	RFOF	MED TOO	AY.						
a B&KC	onst. Co.,	Inc No	pro	gress	<u>ive wor</u>	<u>k</u> 1	his p	eriod.						
													_	
b													_	
C						_							_	
								4.6			Mar in Table abi			
WORK PERFORM														
	ssive work										rom prev	ious		
rainialis	. No work w	as schedule	ea au	iring	the per	100	1 01 1	Ι α 12	reb 9	٠.				
Days of no work and	d teasure for earne					_								
•	ay lost due			thor/	wat are	1100	heon'	itions	on 13	Feb 95				
. 100% 01 08	ay lost due	to adverse	e wea	ither/	wet git	un	Cond	ILIOHS	011 13	reb 97.				
Information on prog	race of work cauco	e for delaws and avi	ent of d	lalaur Dia	at material	Alc.								
	ssive work						11 £	12 Feb	95 a	nd No pr	noressiv	e work	ς .	
	rmed on Mon										Ogressiv	C #011		
was perior	illed on Hon	., 15 reb s	,, (	ide to	I a I II c	ınu	wel g	round c	onart	10115.				
							τ	DEDCENT	PRO IE	ECT COMP	ETE.	8.8%		
DATE CET	EOB COMDIES	PTON. 22	MAD	06						ELAPSED		1.0%		
	FOR COMPLET		MAR					TICHT				1.0%		
	PHASES ATTENDE													
No CQC Inspection Phases were attended during the period of 11 thru 13 Feb 95, due to no														
	ve work bei													

RESULTS OF QA INSPECTIONS AND TESTS, DEFICIENCIES OBSERVED, ACTIONS TAKEN AND CORRECTIVE ACTION OF CONTRACTOR INCLUDE COMMENT PERTAINING TO CONTRACTORS CQC ACTIVITIES	
No QA Inspections were performed on $11\ \&\ 12$ Feb 95, due to no work being scheduled or performed by contractors.	
The following Follow-Up QA Inspection was performed on Mon., 13 Feb 95: EROSION CONTROL: Checked silt fences along the L/S toe of the existing levee, between East B/L Sta's 103+00 and 119+00. No signs of silt penetrating through the filter fabric in this area. No signs of erosion noted this date.	c
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/nunxxxubnxxxxubnxxxxxxxxxxxxxxxxxxxxxxx	
REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)	
GOVERNMENT PERSONNEL ON SITE  NAMES DESIGNATION HRS. ON SITE DUTIES	
Z. BRYANT Const. Insp., GS-07 7 hrs. (Mon) QAR	
. ,	
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)	
Contractor held Weekly Safety Meeting at 0730 hrs. on Mon., 13 Feb 95. See attached min for topics discussed and personnel attending.	utes
Noted all equipment secured on jobsite this date.	
No safety infractions were noted this period.	
INSPECTOR'S SIGNATURE DATE SUPERVISOR'S INITIALS DATE / /c.	
ZANE D' BRYKNT JR 14 FEB 95 4W 1 2/21/85	
(Haverse of FMG FOR FAR.2 (CNIII)	

CONTRACT NO.: DACW29-94-C-0

QAR #\_\_\_66\_\_\_\_

Sat., Sun. & Mon.

DATE: 11, 12 & 13 Feb 95

Item No.	Description	Contract Quan <b>tity</b>	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
80	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	-0-	0.3%	0.3%
15	CONCRETE SLOPE PAVEMENT	188 SY	· 188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 1f	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%
_							

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

DATE: 02/13/95

REPORT No.: 92

SKIES: Cloudy - Rain RAIN: 0.3 IN. TEMP.: 40 MIN 52 MAX

PAGE 1 OF 3

\9402\QCRPT1A

DUST: None LEVEE CONDITION: Wet CANAL GAUGE: (1.5) NOISE: None

#### WORK PERFORMED/LOCATION

02/11/95 Saturday - No work performed. Rainfall = 1.5"

02/12/95 Sunday - No work performed. Rainfall = 0.1"

02/13/95 Monday - No work performed due to rain and wet soil. Workers were sent home after the weekly Safety Meeting was held at 07:30 AM.

	CONTRACTOR/SUBCONTRACTORS AND								
	AREAS OF RESPONSIBILITY								
NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION					
-,	lings: 11 ad	,	D & K	No work performed. "RAIN OUT"					
7	Unskilled	/	B & K	INO WOLK PELLOTHEG. KAIN OOL					
5	Skilled	5	11						
1	Supt.	3	п						
1	Q.C. Rep.	3	"						
11									

#### QUALITY CONTROL REPORT EQUIPMENT

!		***************************************			
DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator		No	0	З	we.
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator	Nessee	No	0	8	4-0-0-
Case 580 Backhoe	-sear-	No	0	8	****
Koehring 535 Crane	was.	No	0	8	
MKT Vibro Hammer		No	0	8	
Kobelco LK 500 Loader		No	0	8	News
Komatsu 300 Excavator		No	0	8	Name .
Fiat-Allis MotorGrader		No	0	8	No.
Mantis 3612 Crane	7.00	No	0	8	

TESTS PERFORMED

(as required by plans/specifications)

None today.

#### MATERIALS RECEIVED

Received 24 pcs. of 2x6 Pine to be used for bulkhead material on I-Wall Forms.

\9402\QCRPT2A PAGE 2 OF 3

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

Inspected the Fuel Dike at the Staging Area. The Dike was in good condition, with no breaks, gaps, or leaks in containment area.

JOB SAFETY (Note inspection, violations/actions taken)

Checked Safety Fence & gates at Robert E. Lee Blvd.; checked to see if equipment on the Levee was secure. Fence was in good condition, gates were locked, and all equipment was boomed down and locked up. No sign of vandalism or tampering was noted.

#### REMARKS

(Instructions received, miscellaneous remarks)

The Concrete steps at Mirabeau Avenue were removed to allow the Temporary Access Road ramp to be constructed. This set of steps was on the sidewalk at approximate Station 70+30, West Bank, and will be replaced at the end of our contract at no extra cost to the Government.

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

Authorized & C Representative

Date

02/13/95

\9402\QCRPT3A

PAGE 3 OF 3

#### MINUTES OF SAFETY MEETING

DATE: 2-13-95	TIME: 7:30 AM
PROJECT: London Avenue Canal	Floodwall
MEETING CONDUCTED BY: Jerry Just	ice
Bryan Derdun  Bryan Derdun  Resin Derdun  Re	nd wons  Signar  Showe
E/ectrical extension cor  top/ cords and plags show and any defective cords o out of service. Bring defective to the office trailer, and repaired of replaced. Do no use cords with insulation n Never let electrical fall in standing water, or sta in water while using electrical the Ground Fault Circuit Interna- each day to make sure it is	nissing of cut.  Plug connections and with your feet
asked that no one climb the tracks of this machine. a blind spot on the left side	Mantis Crane on or over This crone has and the operator side or at the
CONTRACTOR'S SUP	ERINTENDENT

INSPECTORS QUALITY SURANCE REPORT (QAR)					THE	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR REPORT NUMBER					
DAILY LOG OF CUNSTRUCTION - CIVIL (ER 415-1-302)										REPO	
TO 4 5			CODY	mo o	10 .	D:	DATE		65		
Area Eng			COPY		Const.	DIV.		r	riday	1.04	15
CELMN-CD: PROJECT Lake		in. La. and	1 Vicinity		ELMN-CD on Ave.	Cana1.	CONT	<u>IU Fe</u> RACT NUM	bruary BER	199	1)
Mirabeau Av								DACW29-94-C-0079			
						WEAT				,	
		ghway 59, i					CI	loudy,	Windy	& M	i1d
		EDULED DAY SUIT							TEMPERA		
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMEN			STRUCTUR	_	MINIM	_	MAXIM		
100%		* 10	00 %	100x		100%		<u>56°</u>		74	
HAS ANYTHING D	EVELOPED ON TH	E WORK WHICH M	AIGHT =	1 NO	YES (E	mism)			HOUR PR		ATION
	IGE ORDER OR FIL		<u>K</u>	,	☐ 123 (E)	-pioi()	, INCH		ENDIN		
	NUMBER OF GOV	VERNMENT EMPLO	YEES					Trace	RIVER S	073	<u>M</u>
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	-	FEET		TIME		
3-3 hrs			1-8 hrs	4-11 h	nrs			0.50'		080	00 <b>м</b>
	CONTRACTOR'S E	MPLOYEES				OF SHIFTS	Q 1				
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	то	FROM	то		FROM		то
2-18 hrs	6-43 hrs	7-56 hrs	15-117	0700	<b>■</b> 1630	м	м	M		M	M
Attach list of the Note: If the cor	tollowing: (a) Maj htractor's Quality Co	or items of equipme ontrol Report (QCR)	ent either idle or contains the info	working, and ormation it n	(b) Number a sed not be rep	and classificat neated.	tion of contr	actor perso	nnel onsite.		
CONTRACTOR/SUB	CONTRACTORS A	NO AREA OF RESP	PONSIBILITY FOR	WORK PER	RFORMED TO	DAY	<u>_</u>			_	
a B&KC	onst. Co	Inc TEM	IPORARY AC	CESS: R	EINFORC	ED CONC	RETE FI	LOODWAL	L		
		RESTEE									
•											_
C											
WORK PERFORME											
		Mono's #15			_		mporary	acces	s to th	he e	existing
west levee	at Mirabea	u Ave. at a	approx. W.	B/L St	a. 70+4	O±.					
		for East I			5 and #	147, and	d reste	eel for	the wa	a11	stem
sections of	f East I-Wa	11 Mono's #	153 and #	159.							
Days of no work and	freasons for same:										
No delays	incurred so	far this $\pi$	onth due	to adve	erse wea	ther co	ndition	ns.			
Information on prog	ress of work, causes	s for delays and exte	ent of delays. Pla	nt, material	etc.					- :0	·
		scheduled a	•			Arcadia	a this	date.	See at		
CQC Report			•							•	5
						PERCENT			_		8.8%
	FOR COMPLET		MAR 96			PERCENT	TIME 1	ELAPSEI	):	30	0.5%
COC INSPECTION	PHASES ATTENDE	D AND INSTRUCTIO	ONS GIVEN:								
Attended th	ne followin	g CQC Inspe	ection Pha	ses thi	s date:						
REINFORCED	CONCRETE F	LOODWALL:	No instru	ctions	issued.			,			
TEMPORARY A	TEMPORARY ACCESS: See "Verbal Instructions" on reverse side of this report.										
RESTEEL INS	STALLATION:	No instru	ictions is	sued.							
	•										

#### 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 B&K setting forms for East I-Wall Mono's #153 and #159 this date, between approx. East B/L Sta's 116+53.32 to 116+82.19 and 118+15.70 to 118+44.56, respectively. Bottom of forms set at elev. +2.00' and top of forms marked for chamfer strips at elev. +14.40' as required. Only F/S forms were set this date for the above mentioned I-Wall Mono's.

RESTEEL INSTALLATION: Observed rodbusters set required resteel for the bottom sections of East I-Wall Mono's #145 (East B/L Sta's 114+22.39 to 114+51.25) and #147 (East B/L Sta's 114+80.12 to 115+08.99). Also observed rodbusters setting required resteel to the wall stem setions of East I-Wall Mono's #153 and #159. All steel set in accordance with approved shop drawings.

TEMPORARY ACCESS: B&K began providing temporary access to the west levee at Mirabeau Ave. at approx. West B/L Sta.  $70+40^{\pm}$ , by partially removing the existing concrete steps and handrails on the L/S slope of the existing levee, then by placing 2-truck loads of crushed concrete. (See verbal instructions below)

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

At approx. 1330 hrs. this date, QAR, Z. Bryant noted that B&K personnel had removed the existing concrete steps and handrails from the L/S slope of the existing west leverate approx. West B/L Sta. 70+40±. QAR immediately informed CQC Rep. J. Justice that these steps and handrails were not indicated to be removed or disturbed. Therefore, B&K will be responsible for replacement of the above mentioned steps and handrails after work is completed in the adjacent area, at no additional cost to the Government. Mr. Justice agreed with QAR this date, and agreed to replace the above mentioned steps and handrails as soon as work is completed in this area.

CONTROVERSIAL MATTERS IN DETAIL.

NONE

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

 $\underline{\text{NOTE:}}$  A meeting was held on the jobsite at approx. 1000 hrs. this date, to discuss the existing concrete caps that were placed in the adjacent London Ave. Canal along the east bank. Attending this meeting were all visitors and Government personnel indicated on this QA Report (see list below).

#### REMARKS. (Include visitors to project and miscellaneous remarks pertinent to work)

NAMES	DESIGNATION DESIGNATION	HRS. ON SITE	DUTIES
C. ASHLEY	Area Engineer, GM-14	1 hr.	ACO
D. DUHON	Suprv. Civ. Engr., GS-12	l hr.	SCE
C. WAGNER	Civ. Engr., GS-11	1 hr.	PE
Z. BRYANT	Cosnt. Insp., GS-07	7 hrs.	QAR

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

Checked and found all cables, slings and shackles being used to handle I-Wall forms this date, to be in very good condition.

No safety infractions were noted this date.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
Sant Duzant	10 777 05	yw W	2/20/65
ZANE D. BRYANT, JR.	13 FEB 95	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2/26/75

### CONTRACT NO.: DACW29-94-C- ( )

QAR #\_\_\_65

**DATE:** Fri. - 10 Feb 95

Item No.	Description	Contract Quan <b>tit</b> y	Estimated Quantity	Placed Prev.	Placed Today	Placed To Date	% Comp
01	MOBILIZATION & DEMOBILIZATION	L.S.	L.S.	61.2%	-0-	61.2%	61.2%
02	CLEARING & GRUBBING	L.S.	L.S.	46.4%	-0-	46.4%	46.4%
03	SELECTIVE DEMOLITION	L.S.	L.S.	-0-	-0-	-0-	0.0%
04	PEDESTRIAN BRIDGE DEMOLITION	L.S.	L.S.	15.0%	-0-	15.0%	15.0%
05	EMBANKMENT, SEMICOMPACTED FILL	L.S.	L.S.	-0-	-0-	-0-	0.0%
06	STRUCTURAL EXCAVATION AND BACKFILL	L.S.	L.S.	3.5%	-0-	3.5%	3.5%
07	FERTILIZING, SEEDING, AND MULCHING	8 AC	8 AC	-0-	-0-	-0-	0.0%
08	CUTTING OFF EXISTING AZ-18, RZ-10 & PZ-27 SHEET PILING	L.S.	L.S.	7.0%	-0	7.0%	7.0%
09	PULL, CLEAN, SALVAGE, & DELIVER EXISTING AZ-18 STEEL SHEET PILE		L.S.	-0-	-0-	-0-	0.0%
10	REDRIVE EXISTING AZ-18 STEEL SHEET PILING	L.S.	L.S.	-0-	-0-	-0-	0.0%
11	PILING, STEEL SHEET, TYPE PZ-22	187,844 SF	187,844 SF	18537.45	-0-	18537.45	9.9%
12	PILING, STEEL SHEET, TYPE PSA-23	997 SF	997 SF	82.82	-0-	82.82	8.3%
13	PAINTING	L.S.	L.S.	-0-	-0-	-0-	0.0%
14	REINFORCED CONCRETE FLOODWALLS	L.S.	L.S.	0.3%	-0-	0.3%	0.3%
15	CONCRETE SLOPE PAVEMENT	188 SY	188 SY	-0-	-0-	-0-	0.0%
16	UTILITY MODIFICATIONS	L.S.	L.S.	-0-	-0-	-0-	0.0%
17	TEMPORARY RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
18	PERMANENT RELOCATION OF FEEDER LINES	L.S.	L.S.	-0-	-0-	-0-	0.0%
19AA	EROSION CONTROL, FIRST 10,670 LINEAR FEET	10,670 LF	10,670 LF	9040 lf	-0-	9040 lf	84.7%
19AB	EROSION CONTROL, ALL OVER 10,670 LINEAR FEET	.2,700 LF	2,700 LF	-0-	-0-	-0-	0.0%
20	TEMPORARY FLOOD PROTECTION AND COFFERDAMS	L.S.	L.S.	7.0%	-0-	7.0%	7.0%
21	MISCELLANEOUS METALS	L.S.	L.S.	-0-	-0-	-0-	0.0%

# QUALITY ASSURANCE REPORT SUPPLEMENT

OA Inspections Performed & Results: Observed laborars a carpenters
satting wall forms for possible concrete
placement in after wood or Morday. Also
noticed personnel trang restarl on moras
145 + 147 · All parsonnd . weerns safety
show hat a gloves when partorming wool.
1.1 u
Instructions to COCRements: / Ill muling a juby to
with Engr Div + Zevan Board to discuss
existing concrete sections in canal Possible
solutions discussed + actions are pending.
· · · · · · · · · · · · · · · · · · ·
Charl Dagner Proj Engr
Chang Wagner Vrij Engr

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

DATE: 02/10/95 REPORT NO.: 91

SKIES: Cloudy RAIN: Trace IN. TEMP.: 56 MIN 74 MAX

DUST: Minimal LEVEE CONDITION: Dry CANAL GAUGE: (0.5) NOISE: Moderate

#### WORK PERFORMED/LOCATION

B & K CONSTRUCTION - Operator removed steps at Mirabeau (West Side) to make access from Mirabeau Avenue possible. Laborer set posts, fence material, and geotextile along the edge of the entrance ramp being constructed here. Placed two truckloads of crushed Concrete at the Mirabeau West Access Road entrance ramp. Carpenters & Laborers moved the last two Wall Forms to the Levee from thhe Staging Area. Set one Wall Form at Monolith #159 and #153, then braced off, plumbed & aligned these two Flood Side panels. Bulkheads, Waterstop, and Land Side Forms will be set on Monday. One Wall is scheduled for Concrete placement on Monday at 12:00 PM. Laborers wrecked Forms off of the Stabilization Slab poured yesterday.

ARCADIA REBAR - Tied reinforcing Steel (bottoms only) at I-Wall Monoliths #145 and #147 on the East Bank. Set two Re-Steel Wall curtains in place and tied them complete at Monoliths #159 and #153. Tied two more Wall Curtains on the Levee, to be placed later.

CONTRACTOR/SUBCONTRACTORS AND

	AREAS OF RESPONSIBILITY									
	NO	TRADE	HOURS	COMPANY	LOCATION/WORK DESCRIPTION					
	7	Unskilled	56	B & K	I-Wall Formwork; Working on Temp-					
1	4	5∤illed	34	U	orary Access Road ramp at Mirabeau					
	1	Supt.	9	n .	Avenue. (See locations above.)					
	1	Q.C. Rep.	9	ti						
	2	Skilled	9		Tying Reinforcing Steel for I-Wall Monoliths. (See locations above.)					
ij		i								

\9402\QCRPT1A PAGE 1 OF 3

# QUALITY CONTROL REPORT

DESCRIPTION	ARR/DEP	SAFETY CHECK	HRS USED	IDLE	REPAIR
Komatsu 200 Excavator	<b></b>	No	0	8	Nagara .
Komatsu D37P Dozer		No	0	8	Yes
Kubota 151 Excavator	~~	No	0	8	***************************************
Case 580 Backhoe		Yes	4	4	· · · · ·
Koehring 535 Crane	****	No	0	8	*****
MKT Vibro Hammer	·	No	0	8	~~~
Kobelco LK 500 Loader	v-ne	Yes	3	5	466-
Komatsu 300 Excavator		Yes	2	6	
Fiat-Allis MotorGrader		Yes	2	6	<del></del>
Grove 20 Ton Picker	DEP	Yes	2	6	- And
Mantis 3612 Crane		Yes	5	3	·4/

TESTS PERFORMED (as required by plans/specifications)

None today.

#### MATERIALS RECEIVED

None received today.

\9402\QCRPT2A

# QUALITY CONTROL REPORT > INSPECTIONS PERFORMED

(Including results and actions taken)

Inspected Formwork done today on I-Wall Monolith #159 and #153. Forms were cleaned and oiled, and set to proper alignment. Wall Elevation was controlled by shimming up the Wall Forms to proper height, then the top of the Wall elevation was marked using a surveyors level. Bottom of I-Wall was set at elevation  $\frac{1}{2}$  2.00, and top of I-Wall elevation was set at  $\frac{1}{4}$  14.40 on the Canal Side. An offset line (2.50° to the Canal Side of Centerline) was used to set the Forms to the correct alignment.

Carpenters were finishing the last two Forms by placing Silicone caulking in the joints, epoxying Form Liner Joints together, and placing Bonds patches as needed.

#### JOB SAFETY

(Note inspection, violations/actions taken)

Checked Rigging used to lift Forms and Re-Steel today. All Slings, Chokers, and Shackles were in like-new condition, with no defects or excessive wear was observed.

All Cranes were boomed down at the end of the day for the weekend.

#### REMARKS

(Instructions received, miscellaneous remarks)

BAYOU TREE SERVICE was called to begin trimming tree limbs next week at Mirabeau - West Side. This must be done before Sheet Piling can be delivered and unloaded in this reach.

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

02/13/95

Authorized Q C Representative

Date

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