

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0001			3. EFFECTIVE DATE 24-Oct-2005		4. REQUISITION/PURCHASE REQ. NO.
6. ISSUED BY USACE, CONTRACTING DIVISION ATTN: CEMVN-CT, ROOM 172 7400 LEAKE AVE. NEW ORLEANS LA 70118-3651			7. ADMINISTERED BY (If other than item 6) <b>See Item 6</b>		5. PROJECT NO.(If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. W912P8-06-R-0031	
			<input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 11) 21-Oct-2005	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE			FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.					
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The above numbered solicitation for Lake Pontchartrain and Vicinity, Sheet Pile Repair, London Avenue Canal Floodwall Breach, Mirabeau Avenue, New Orleans, LA, is amended as follows:  PROPOSAL DUE DATE THE PROPOSAL DUE DATE OF 28 OCTOBER 2005, 10:00 AM, LOCAL TIME OF NEW ORLEANS, LA REMAINS UNCHANGED.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  24-Oct-2005

**LAKE PONTCHARTRAIN AND VICINITY, NEW ORLEANS, LOUISIANA**  
**LONDON AVENUE CANAL FLOODWALL BREACH**

**MIRABEAU AVENUE**  
**SHEET PILE REPAIR**

**AMENDMENT 0001**

**SPECIFICATIONS**

**COVER LETTER**

Change proposal due date to October 28, 2005, 10:00 a.m.

**SECTION 00010**

Delete page 00010-1, in its entirety and substitute the attached revised page 00010-1 therefore.

**SECTION 00130**

Paragraph 1.4., should read “five” not-cost factors instead of “four”.

Paragraph 1.5 (4) delete “of 15 May 06”.

**SECTION 00700**

Page 13, paragraph 52.211-10 Delete “© complete the entire work ready for use not later than 37 calendar days after the date of receipt of notice to proceed.” And replace with “© complete the entire work ready for use not later than **52** calendar days after the date of receipt of notice to proceed.”

**SECTION 01100**

Page 01100-6, paragraph 4.a.(4). At the end of the sentence, insert the following, “No separate payment will be made for police. The cost shall be distributed among the bid items for the work it is associated with.

Page 01100-17, paragraphs 24. a. Delete this paragraph in its entirety and insert the following new paragraph.

- a. The sheet pile closure at the Leon C. Simon Boulevard bridge shall remain closed during installation of the PZ-35 sheet pile wall. Opening and closing of the sheet pile closure will be performed and coordinated by the Government.

Page 01100-17, paragraph 24.c. Delete “PZ-27” and insert “PZ-35”.

Delete the “Soil Boring” data at the end of Section 01100 in its entirety and substitute the attached “Soil Boring” data therefore.

Section 01451

Add CQC attachments at the end of this section.

SECTION 02231

Page 02231-1, paragraph 1.1 SCOPE. In the fourth line delete “..., for the removal and disposal of existing steel sheet piling that will interfere with the placement of the repair sheet pile wall, ...”

Page 02231-1, paragraph 1.2 MEASUREMENT AND PAYMENT. In the third line delete “...removal and disposal of existing steel sheet piling to be removed,...”

SECTION 02383

Page 02383-6, paragraph 2.1.2.3 Size. Delete this paragraph in its entirety and substitute the following new paragraph:

2.1.2.3 Size

Stone shall be well graded and comply with the following gradation:

GRADATION SPECIFICATIONS	
STONE WEIGHT IN LBS.	PERCENT LIGHTER BY WEIGHT
1000 - 430	100
430 - 210	50
210 - 60	15

## DRAWINGS

Make the following pen and ink changes:

1. Dwg. 3 of 5.
  - a. In quadrant B-4, delete the text "PZ-27" and insert "PZ-35".
  - b. In quadrant C-2 / C-3, delete the dimension 1'-6" and insert 2'-4".
2. Dwg. 4 of 5.
  - a. In quadrant C-2, delete the text "PZ-27" and insert "PZ-35".
  - b. In quadrant C-4, Note 3., delete the text "2 FOOT THICK..." and insert "2 FOOT - 4 INCHES THICK...".
  - c. In quadrant D-1 / D-2, delete the dimension 1'-6" and insert 2'-4".
3. Dwg. 5 of 5. In quadrants A-3 and C-3, delete the text "PZ-27" and insert "PZ-35".

SECTION 00010 – BIDDING SCHEDULE

W912P8-06-R-0031

Lake Pontchartrain and Vicinity, Sheet Pile Repair  
 London Ave. Canal Floodwall Breach, Mirabeau Avenue,  
 New Orleans, LA

0001	Mobilization and Demobilization	01	LS		
0002	Selective Demolition	01	LS		
0003	Clearing and Grubbing	01	LS		
0004	Graded Stone(Rip Rap)	9,300	TON		
0005	Separator Geotextile	550	SY		
0006	Bedding Stone	11,000	CY		
0007	Reinforced Concrete	01	LS		
0008	Piling, Steel Sheet, Type PZ <b>35</b>	33,000	SF		
0009	Jet Grouting	01	LS		

TOTAL

Award will be made as a whole to one bidder.

NOTE 1: Bidders shall furnish unit prices for each items listed in the Schedule of bid items which require unit prices. If the bidder fails to insert a unit price in the appropriate blank for required item(s), but does furnish an extended total, or an estimated amount for such items), the Government shall deem the unit price to be the quotient obtained by dividing the extended amount for that line item by the quantity. IF A BIDDER OMITTS BOTH THE UNIT PRICE AND THE EXTENDED TOTAL OR ESTIMATED AMOUNT FOR ANY ITEM, ITS BID SHALL BE DECLARED NON-RESPONSIVE AND THEREFORE INELIGIBLE FOR AWARD.

NOTE 2: THE NOTICE TO PROCEED (NTP): The successful bidder is advised that performance and payment bonds shall be submitted in accordance with the time frame in block 12B of SF 1442 after Notice of Award. The NTP will be issued immediately after verification of acceptable performance and

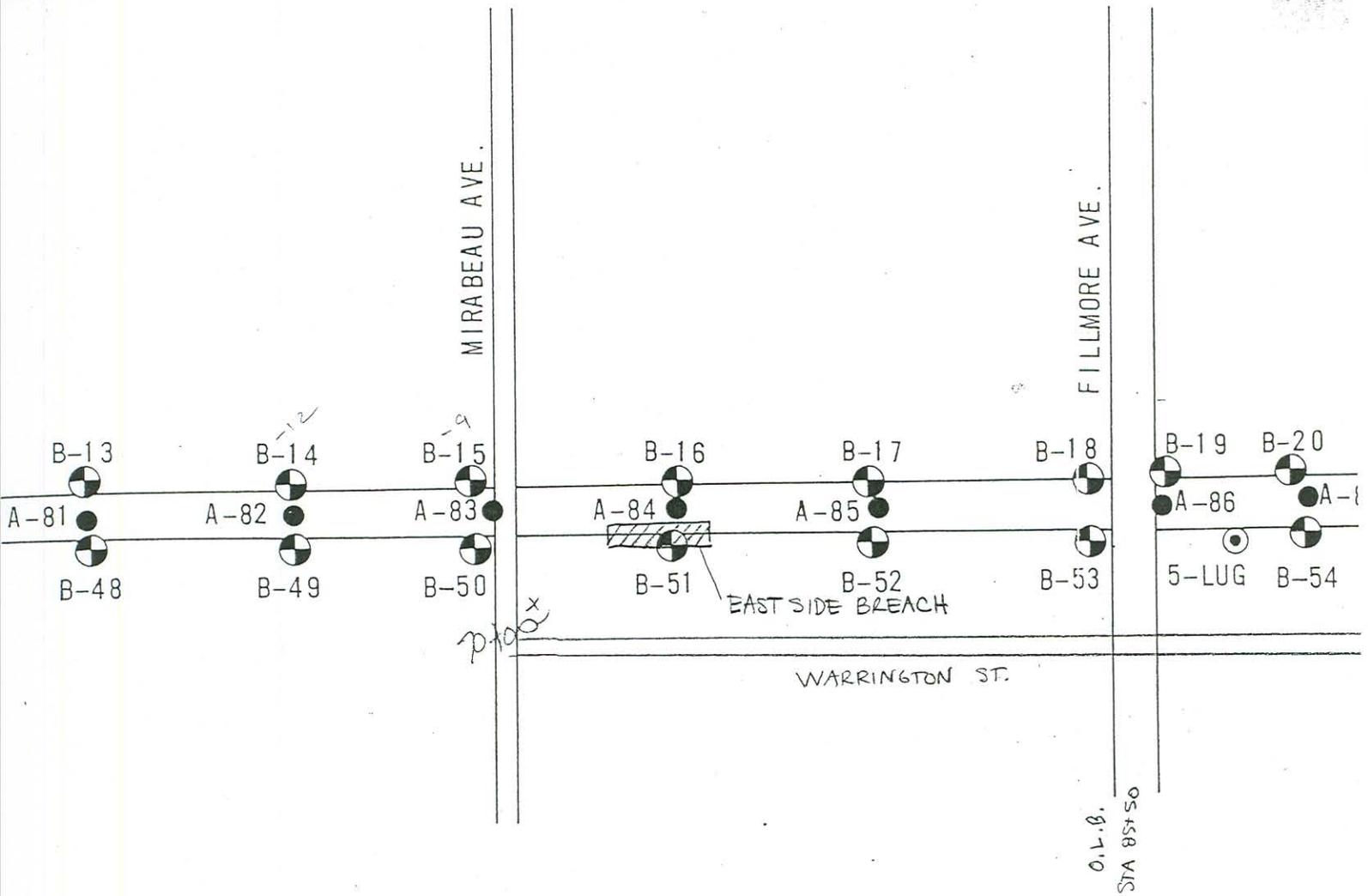
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Item	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
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payment bonds. Within seven (7) days after issuance of the NTP, the Contractor shall initiate a meeting to discuss the submittal process with the Area or Resident Engineer or his authorized representative. Physical work cannot start until the Accident Prevention Program, Contractor Quality Control Plan, and other submittals which may be required, have been submitted and approved and all preliminary meetings called for under the contract, have been conducted.

# LONDON AVENUE - MIRABEAU



## LOCATION OF BORINGS

SCALE:  $1'' = 40'$   $1'' = 400'$

- LEVEE BORINGS DRILLED 3 OCTOBER - 10 DECEMBER
- CANAL BORINGS DRILLED 13 NOVEMBER - 17 DECEMBER
- BORINGS NOT TAKEN DUE TO CONCRETE CANAL LINING
- BORINGS B-45, B-56 & B-65 ARE 5" DIA. UNDISTURBED BORINGS. ALL REMAINING UNDISTURBED BORINGS ARE 4" DIA.
- ⊙ USACE BORINGS TAKEN 23 OCTOBER THROUGH 25 OCTOBER

Geotechnical Investigation  
London Avenue Canal  
Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269  
New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
New Orleans, Louisiana

LOCATION OF BORINGS

(Sheet 1 of 3)

<u>Boring Number</u>	<u>Station Number</u>	<u>Location</u>
B-1	0+85	Levee Crown
B-2	7+60	Levee Crown
B-3	11+60	Levee Crown
B-4	14+70	Levee Crown
B-5	19+60	Levee Crown
B-6	24+60	Levee Crown
B-7	29+60	Levee Crown
B-8	34+60	Levee Crown
B-9	39+60	Levee Crown
B-10	44+60	Levee Crown
B-11	50+35	Levee Crown
B-12	55+00	Levee Crown
B-13	60+00	Levee Crown
B-14	65+00	Levee Crown
B-15	69+85	Levee Crown
B-16	74+75	Levee Crown
B-17	79+75	Levee Crown
B-18	84+75	Levee Crown
B-19	86+35	Levee Crown
B-20	89+75	Levee Crown
B-21	94+75	Levee Crown
B-22	99+75	Levee Crown
B-23	101+20	Levee Crown
B-24	104+75	Levee Crown
B-25	109+75	Levee Crown
B-26	114+75	Levee Crown
B-27	121+35	Levee Toe
B-28	124+75	Levee Toe
B-29	127+50	Levee Toe
B-30	134+00	Levee Toe
B-31	139+00	Levee Toe
B-32	143+00	Levee Toe
B-33	149+00	Levee Toe

Geotechnical Investigation  
London Avenue Canal  
Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269  
New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
New Orleans, Louisiana

LOCATION OF BORINGS  
(Cont'd)

(Sheet 2 of 3)

<u>Boring Number</u>	<u>Station Number</u>	<u>Location</u>
B-34	154+00	Levee Toe
B-35	159+00	Levee Toe
B-36	1+95	Levee Crown
B-37	7+10	Levee Crown
B-38	11+60	Levee Crown
B-39	13+70	Levee Crown
B-40	21+40	Levee Crown
B-41	24+60	Levee Crown
B-42	29+60	Levee Crown
B-43	34+60	Levee Crown
B-44	39+60	Levee Crown
B-45	44+60	Levee Crown
B-46	50+65	Levee Crown
B-47	55+00	Levee Crown
B-48	60+00	Levee Crown
B-49	65+00	Levee Crown
B-50	69+85	Levee Crown
B-51	74+75	Levee Crown
B-52	79+75	Levee Crown
B-53	84+75	Levee Crown
B-54	89+75	Levee Crown
B-55	94+75	Levee Crown
B-56	99+75	Levee Crown
B-57	102+95	Levee Crown
B-58	104+75	Levee Crown
B-59	109+75	Levee Crown
B-60	114+75	Levee Crown
B-61	119+75	Levee Crown
B-62	124+75	Levee Crown
B-63	128+60	Levee Crown
B-64	134+00	Levee Toe
B-65	139+00	Levee Toe
B-66	143+00	Levee Toe
B-67	149+00	Levee Toe
B-68	154+00	Levee Toe

Geotechnical Investigation  
London Avenue Canal  
Levee and Floodwall Improvements  
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New Orleans, Louisiana

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New Orleans, Louisiana

LOCATION OF BORINGS  
(Cont'd)

(Sheet 3 of 3)

<u>Boring Number</u>	<u>Station Number</u>	<u>Location</u>
B-69	159+00	Levee Toe
B-70	Not Taken	Canal Centerline
B-71	Not Taken	Canal Centerline
B-72	Not Taken	Canal Centerline
B-73	19+60	Canal Centerline
B-74	24+60	Canal Centerline
B-75	29+60	Canal Centerline
B-76	34+60	Canal Centerline
B-77	39+60	Canal Centerline
B-78	44+60	Canal Centerline
B-79	50+35	Canal Centerline
B-80	55+00	Canal Centerline
B-81	60+00	Canal Centerline
B-82	65+00	Canal Centerline
B-83	69+85	Canal Centerline
B-84	74+75	Canal Centerline
B-85	79+75	Canal Centerline
B-86	86+35	Canal Centerline
B-87	89+75	Canal Centerline
B-88	94+75	Canal Centerline
B-89	99+75	Canal Centerline
B-90	104+75	Canal Centerline
B-91	109+75	Canal Centerline
B-92	114+75	Canal Centerline
B-93	121+35	Canal Centerline
B-94	124+75	Canal Centerline
B-95	128+60	Canal Centerline
B-96	134+00 (East)	Canal Centerline
B-97	139+00 (East)	Canal Centerline
B-98	145+00 (East)	Canal Centerline
B-99	147+00 (East)	Canal Centerline
B-100	153+00 (East)	Canal Centerline
B-101	159+00 (East)	Canal Centerline

NOTE: Locations of canal borings is approximate.

**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**  
 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

Sheet 1 of 2

Name of Project: London Avenue Canal, Levee and Floodwall Improvements

Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.

Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 15 Soil Technician A. Croal, Jr. Date 17 October 1985

Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

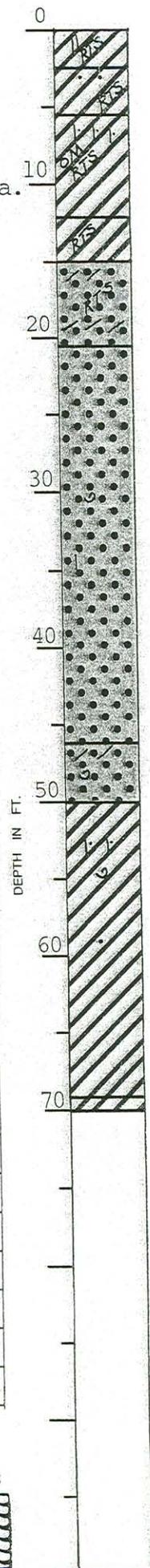
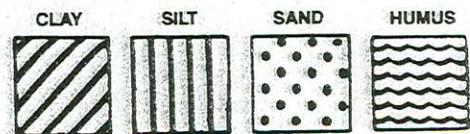
Sample No.	SAMPLE Depth - Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	1.7	2.5	0.0	2.5	Medium stiff tan & gray clay w/silt pockets & grass roots		
2	4.7	5.5	2.5	5.5	Medium stiff tan & gray clay w/sand pockets & roots		
3	7.7	8.5	5.5		Soft dark gray clay w/silty sand layers, organic matter & roots		
4	10.7	11.5		12.0	Soft dark gray clay w/organic matter & roots		
5	13.7	14.5	12.0	15.0	Soft gray clay w/roots		
6	15.5	17.0	15.0		Medium dense gray fine sand w/clay pockets & roots	3	20
7	18.0	19.5		20.5	Medium dense gray fine sand w/clay layers	10	14
8	20.5	22.0	20.5		Very dense gray fine sand	50=6" (Seat)	
9	23.5	25.0			Ditto	25	50=8"
10	28.5	30.0			Ditto	20	50=6"
11	33.5	35.0			Very dense gray fine sand w/few shell fragments & trace of silt	18	50=8"
12	38.5	40.0			Very dense gray fine sand	23	50=6"
13	43.5	45.0		46.0	Very dense gray fine sand w/few shell fragments	2	50=10"
14	48.5	50.0	46.0	50.0	Medium dense gray fine sand w/clay pockets & shell fragments	3	12
15	53.2	54.0	50.0		Medium stiff gray clay w/silty sand pockets & few shell fragments		

(Continued)

\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.

WHILE THIS LOG OF BORING IS CONSIDERED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT ITS RESPECTIVE LOCATION ON THE DATE SHOWN, IT IS NOT WARRANTED THAT IT IS REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

Remarks: \_\_\_\_\_



**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**  
 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

Sheet 2 of 2

**Name of Project:** London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

**For:** The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

**Boring No.** 15 **Soil Technician** A. Croal, Jr. **Date** 17 October 1985  
 (Cont'd)

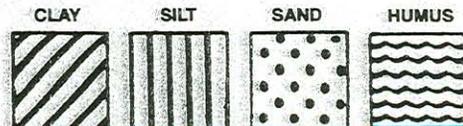
**Ground Elev.** \_\_\_\_\_ **Datum** \_\_\_\_\_ **Gr. Water Depth** See Text

Sample No.	SAMPLE Depth—Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST
	From	To	From	To		
16	58.2	59.0			Medium stiff gray clay w/few silty sand pockets & few shell fragments	
17	63.2	64.0		66.0	Medium stiff gray clay w/shell fragments	
18	68.2	69.0	66.0	69.0	Stiff gray clay w/shell fragments & trace of sand	
19	69.5	70.0	69.0	70.0	Stiff green clay	

DEPTH IN FT.

\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.

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Remarks: \_\_\_\_\_

Underneath this shows heavy. Modified this shows light

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 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

Name of Project: London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

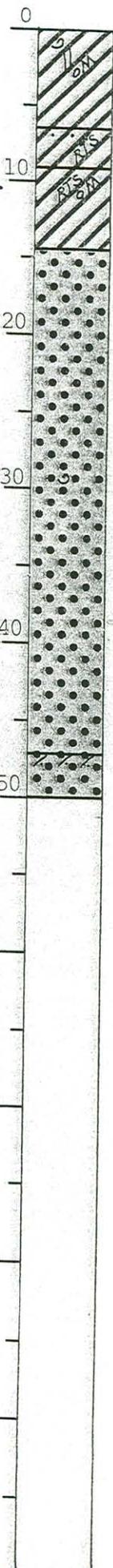
For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 16 Soil Technician George Hardee Date 25 October 1985

Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

Sample No.	SAMPLE Depth - Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	2.0	2.5	0.0		Very stiff gray clay w/shells & brick fragments		
2	4.5	5.5		6.5	Very stiff gray clay w/silt pockets & organic matter		
3	7.5	8.5	6.5	9.0	Very stiff gray & tan clay w/sand pockets & roots		
4	11.0	11.5	9.0	14.5	Soft dark gray clay w/roots & organic matter		
5	14.5	15.0	14.5		Very dense gray fine sand		
6	15.0	16.5			Ditto	16	50=9"
7	17.5	19.0			Ditto	15	50=10"
8	20.0	21.5			Ditto	16	50=10"
9	23.5	25.0			Ditto	23	50=8"
10	28.5	30.0			Very dense gray fine sand w/shells	30	50=5"
11	33.5	35.0			Very dense gray fine sand	32	50=5"
12	38.5	40.0			Very dense gray fine sand w/shells	22	50=7"
13	43.5	45.0		47.0	Very dense gray fine sand	20	50=9"
14	48.5	50.0	47.0	50.0	Medium dense gray fine sand w/clayey sand layers	2	13

DEPTH IN FT.



\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.

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CLAY      SILT      SAND      HUMUS

Remarks: \_\_\_\_\_

**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**  
 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

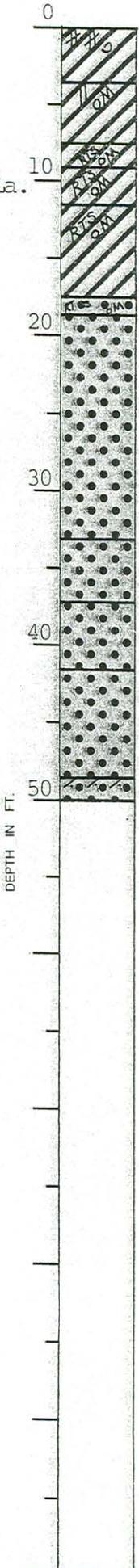
Name of Project: London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 17 Soil Technician George Hardee Date 25 October 1985

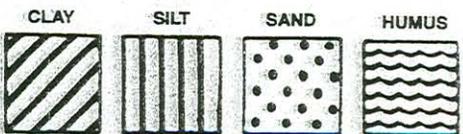
Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

Sample No.	SAMPLE Depth - Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	2.0	2.5	0.0	3.5	Stiff brown & gray clay w/clayey silt pockets, shells & brick fragments		
2	4.5	5.5	3.5	7.5	Medium stiff gray clay w/silt pockets & organic matter		
3	8.0	8.5	7.5	9.0	Medium stiff brown & gray clay w/roots & organic matter		
4	11.0	11.5	9.0	11.5	Soft black clay w/roots & organic matter		
5	13.5	14.5	11.5	17.5	Soft gray clay w/roots & organic matter		
6	18.0	18.5	17.5	18.5	Loose gray fine sand w/roots & organic matter		
7	18.5	20.0	18.5		Dense gray fine sand	6	33
8	21.0	22.5			Ditto	8	41
9	24.0	25.5			Ditto	11	37
10	28.5	30.0		33.0	Ditto	11	39
11	33.5	35.0	33.0	37.0	Very dense gray fine sand	20	50=10"
12	38.5	40.0	37.0	41.5	Dense gray fine sand	12	32
13	43.5	45.0	41.5	48.5	Medium dense gray fine sand	5	18
14	48.5	50.0	48.5	50.0	Loose gray fine sand w/clayey sand layers	6	5



\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. split spoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. split spoon sampler 1 ft. after seating 6 in.

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Remarks: \_\_\_\_\_

**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**  
 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

Name of Project: London Avenue Canal, Levee and Floodwall Improvements

Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

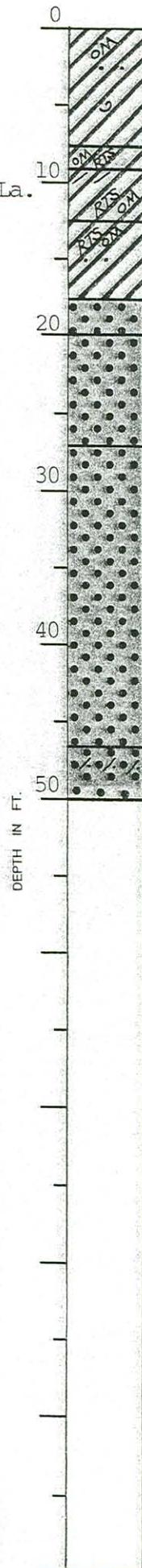
For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.

Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 18 Soil Technician George Hardee Date 25 October 1985

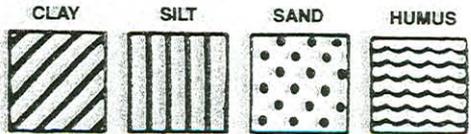
Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

Sample No.	SAMPLE Depth — Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	1.5	2.5	0.0		Very stiff gray clay w/organic matter & sand pockets		
2	5.0	5.5		7.5	Stiff gray clay w/organic matter, sand pockets & shells		
3	8.0	8.5	7.5	9.0	Medium stiff brown & gray clay w/roots & organic matter		
4	10.5	11.5	9.0	12.5	Soft brown & gray clay w/clay pockets, roots & wood		
5	13.5	14.5	12.5		Soft gray clay w/roots & organic matter		
6	16.5	17.5		17.5	Soft gray clay w/sand pockets		
7	17.5	19.0	17.5	20.0	Dense gray fine sand	11	42
8	20.5	22.0	20.0		Medium dense gray fine sand	3	18
9	23.5	25.0		27.0	Ditto	5	25
10	28.5	30.0	27.0		Dense gray fine sand	12	50
11	33.5	35.0			Ditto	16	50
12	38.5	40.0			Ditto	11	30
13	43.5	45.0		46.5	Ditto	5	32
14	48.5	50.0	46.5	50.0	Loose gray fine sand w/clayey sand layers	3	9



\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.

**WHILE THIS LOG OF BORING IS CONSIDERED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT ITS RESPECTIVE LOCATION ON THE DATE SHOWN, IT IS NOT WARRANTED THAT IT IS REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.**



Remarks: \_\_\_\_\_

Dominant type shown heavy; Medium type shown light

**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**      Sheet 1 of 2  
**SOIL AND FOUNDATION CONSULTANTS**  
 METAIRIE, LA.

**Name of Project:** London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

**For:** The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

**Boring No.** 50    **Soil Technician** A. Croal, Jr.    **Date** 13 November 1985

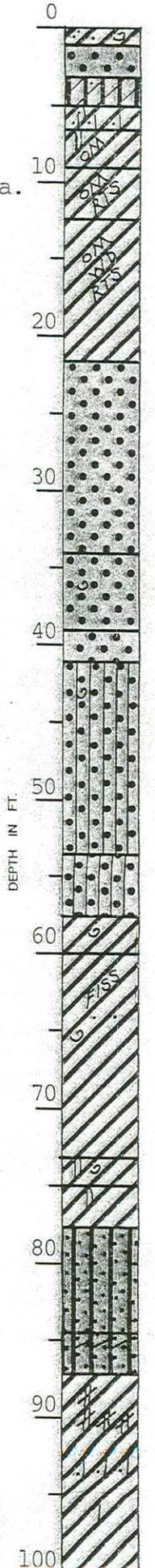
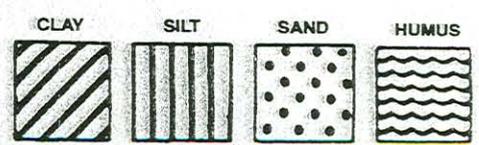
**Ground Elev.** \_\_\_\_\_ **Datum** \_\_\_\_\_ **Gr. Water Depth** See Text

Sample No.	SAMPLE Depth - Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	0.0	0.5	0.0	1.0	Very stiff gray & brown clay w/fine sand lenses, pockets & shell fragments		
2	1.7	2.5	1.0	3.0	Loose tan fine sand		
3	2.5	4.0	3.0	5.0	Medium compact brown & gray clayey silt w/fine sand lenses	3	14
4	5.0	6.5	5.0	6.5	Medium stiff to stiff gray clay w/sandy silt lenses & layers	2	8
5	8.2	9.0	6.5	9.0	Soft dark gray clay w/silt pockets & trace of organic matter		
6	10.7	11.5	9.0	12.5	Soft dark gray clay w/organic matter & roots		
7	13.7	14.5	12.5		Very soft gray clay w/organic matter & wood		
8	18.2	19.0		21.8	Soft gray clay w/organic matter & roots		
9	21.7	22.5	21.8		Loose to medium dense gray fine sand		
10	22.5	24.0			Medium dense gray fine sand	4	26
11	25.0	26.5			Ditto	4	23
12	27.5	29.0			Ditto	3	19
13	30.0	31.5		34.0	Ditto	8	25
14	33.5	35.0	34.0	39.0	Dense gray fine sand w/shell fragments	9	32
15	38.5	40.0	39.0	41.0	Very dense gray fine sand	12	50=11"
16	43.5	45.0	41.0		Medium dense gray silty sand w/few shell fragments	6	26
17	48.5	50.0		53.5	Medium dense gray silty sand	5	27
18	53.5	55.0	53.5	57.5	Loose gray silty sand	3	10

\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O.D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O.D. splitspoon sampler 1 ft. after seating 6 in.

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**Remarks:** \_\_\_\_\_



Dominant tone above here: \_\_\_\_\_ Modified tone above here: \_\_\_\_\_

**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY** Sheet 2 of 2  
**SOIL AND FOUNDATION CONSULTANTS**  
 METAIRIE, LA.

Name of Project: London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 50 Soil Technician A. Croal, Jr. Date 13 November 1985  
 (Cont'd)

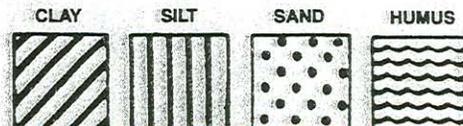
Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

Sample No.	SAMPLE Depth — Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
19	58.5	60.0	57.5	60.0	Soft gray clay w/shell fragments	2	4
20	63.2	64.0	60.0	66.0	Medium stiff gray fissured clay w/sand pockets & few shell fragments & vertical fissures.		
21	68.2	69.0	66.0	73.0	Stiff gray clay w/few shell fragments		
22	73.2	74.0	73.0	75.0	Stiff greenish-gray clay w/silt pockets & shells		
23	76.7	77.5	75.0	77.5	Very stiff greenish-gray & tan clay w/few silt pockets		
24	77.5	79.0	77.5		Compact gray sandy silt	9	44
25	80.0	81.5			Ditto	8	35
26	82.5	84.0		84.5	Medium compact gray sandy silt	6	21
27	85.0	86.5	84.5	87.0	Very loose gray sandy silt w/clay layers	2	2
28	88.5	90.0	87.0		Medium stiff gray clay w/clayey silt lenses & layers	2	6
29	91.7	92.5			Medium stiff gray clay w/sandy silt layers		
30	96.7	97.5	<i>qu</i> 100.0		Stiff gray clay w/silt lenses		

DEPTH IN FT.

\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.  
 WHILE THIS LOG OF BORING IS CONSIDERED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT ITS RESPECTIVE LOCATION ON THE DATE SHOWN, IT IS NOT WARRANTED THAT IT IS REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

Remarks: \_\_\_\_\_



**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**  
 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

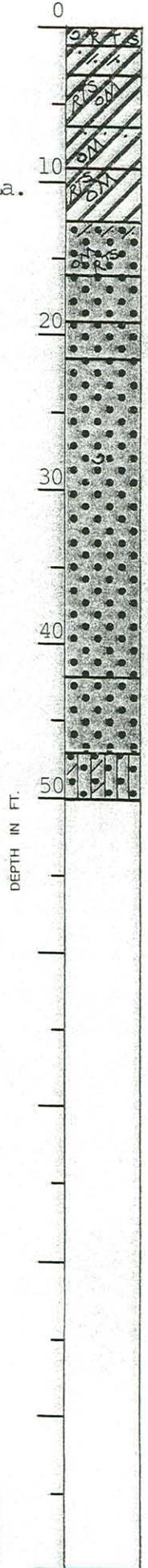
Name of Project: London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 51 Soil Technician A. Croal, Jr. Date 12 November 1985

Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

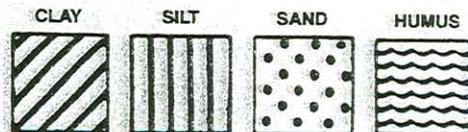
Sample No.	SAMPLE Depth—Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	0.0	0.5	0.0	1.0	Stiff brown & gray clay w/shell fragments & grass roots		
2	1.7	2.5	1.0	3.0	Medium stiff tan & gray clay w/fine sand & clayey sand pockets		
3	4.7	5.5	3.0	6.5	Medium stiff black & gray clay w/roots & organic matter		
4	7.7	8.5	6.5	9.0	Medium stiff tan & gray clay w/sand layers & trace of organic matter		
5	10.7	11.5	9.0	12.5	Soft gray clay w/roots & organic matter		
6	13.7	14.5	12.5	16.0	Loose gray fine sand w/clayey sand layers, trace of organic matter & few roots		
7	16.0	17.5	16.0	19.0	Medium dense gray fine sand	2	28
8	18.5	20.0	19.0	21.5	Dense gray fine sand	4	36
9	21.0	22.5	21.5		Very dense gray fine sand	8	50=10"
10	23.5	25.0			Ditto	10	50=10"
11	26.0	27.5			Ditto	15	50=9"
12	28.5	30.0			Very dense gray fine sand w/few shell fragments	11	50=8"
13	33.5	35.0			Very dense gray fine sand	9	50=9"
14	38.5	40.0		42.0	Ditto	12	50=9"
15	43.5	45.0	42.0	47.0	Dense gray fine sand	14	41
16	48.5	50.0	47.0	50.0	Loose gray silty sand w/few clay pockets & trace of clay	2	10



\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.

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Remarks: \_\_\_\_\_



Dominant type shown heavy; Modifying type shown light

**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**  
 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

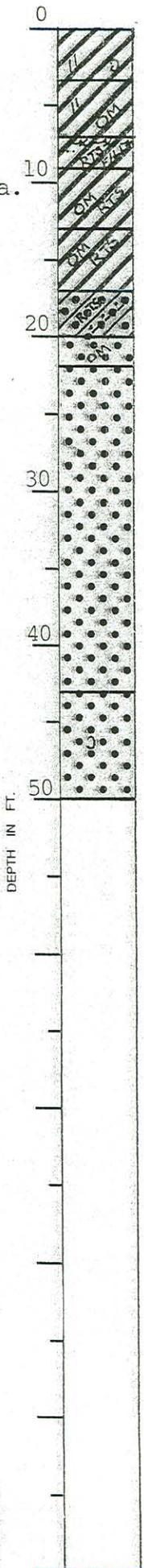
Name of Project: London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 52 Soil Technician A. J. Mayeux Date 4 December 1985

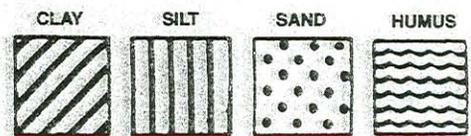
Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

Sample No.	SAMPLE Depth — Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	2.0	2.5	0.0	3.5	Stiff gray & tan clay w/silt pockets & shell fragments		
2	5.0	5.5	3.5	7.0	Medium stiff gray & tan clay w/silt pockets & trace of organic matter		
3	8.0	8.5	7.0	9.0	Soft gray clay w/organic clay layers, sand pockets & roots (fill)		
4	11.0	11.5	9.0	13.0	Very soft gray clay w/organic matter & roots		
5	14.0	14.5	13.0	17.0	Soft gray clay w/organic matter & roots		
6	19.0	19.5	17.0	20.0	Very loose dark gray & gray clayey sand w/sandy clay layers & roots		
7	20.0	21.5	20.0	22.0	Medium dense gray sand w/organic matter	2	14
8	22.5	24.0	22.0		Dense gray sand	7	32
9	25.0	26.5			Ditto	6	30
10	28.5	30.0			Ditto	5	42
11	33.5	35.0			Ditto	7	37
12	38.5	40.0		43.0	Ditto	8	35
13	43.5	45.0	43.0		Loose gray sand w/shell fragments	1	5
14	48.5	50.0		50.0	Ditto	2	6



\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.  
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Remarks: \_\_\_\_\_



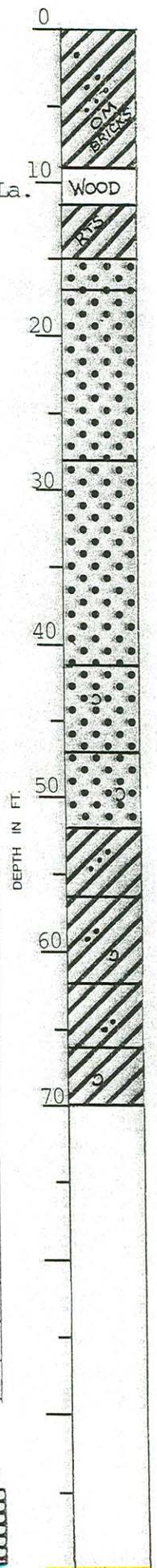
Dominant type shown heavy; modifying type shown light

**LOG OF BORING**  
**EUSTIS ENGINEERING COMPANY**  
 SOIL AND FOUNDATION CONSULTANTS  
 METAIRIE, LA.

Name of Project: London Avenue Canal, Levee and Floodwall Improvements  
Orleans Levee Board Project No. 2049-0269, New Orleans, Louisiana  
 For: The Board of Levee Commissioners of the Orleans Levee District, New Orleans, La.  
Burk & Associates, Inc., New Orleans, Louisiana

Boring No. 53 Soil Technician A. J. Mayeux Date 4 December 1985  
 Ground Elev. \_\_\_\_\_ Datum \_\_\_\_\_ Gr. Water Depth See Text

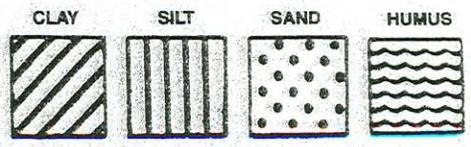
Sample No.	SAMPLE Depth - Feet		DEPTH STRATUM Feet		VISUAL CLASSIFICATION	*STANDARD PENETRATION TEST	
	From	To	From	To			
1	2.0	2.5	0.0		Medium stiff gray & tan clay w/sand lenses & pockets & trace of organic matter		
2	5.5	6.0			Medium stiff gray & tan clay w/sand pockets		
3	8.0	8.5		9.0	Medium stiff gray & tan clay w/vertical sand layers, organic matter & bricks		
	11.0	11.5	9.0	11.5	Wood w/organic matter & clay		
4	14.0	14.5	11.5	15.0	Soft gray & tan clay w/decayed roots		
5	15.0	16.5	15.0	17.0	Loose gray sand	1	5
6	17.5	19.0	17.0		Medium dense gray sand	2	13
7	20.0	21.5			Ditto	4	19
8	23.5	25.0		28.0	Ditto	2	15
9	28.5	30.0	28.0		Dense gray sand	5	35
10	33.5	35.0			Ditto	10	48
11	38.5	40.0		41.5	Ditto	7	32
12	43.5	45.0	41.5	47.0	Medium dense gray sand w/shell fragments	5	19
13	48.5	50.0	47.0	52.0	Loose gray sand w/shell fragments	2	8
14	53.5	55.0	52.0	56.5	Medium stiff gray clay w/sand layers	1	4
15	59.0	59.5	56.5	62.0	Stiff gray & tan clay w/sand pockets & shell fragments		
16	64.0	64.5	62.0	66.0	Stiff gray clay w/sand pockets		
17	69.0	69.5	66.0	70.0	Medium stiff gray clay w/shell fragments		



\*Number in first column indicates number of blows of 140-lb. hammer dropped 30 in. required to seat 2-in. O. D. splitspoon sampler 6 in. Number in second column indicates number of blows of 140-lb. hammer dropped 30 in. required to drive 2-in. O. D. splitspoon sampler 1 ft. after seating 6 in.

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Remarks: \_\_\_\_\_



Geotechnical Investigation  
 London Avenue Canal  
 Levee and Floodwall Improvements  
 Orleans Levee Board Project No. 2049-0269  
 New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
 New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
 New Orleans, Louisiana

SUMMARY OF LABORATORY TEST RESULTS

BORING 15

Sam- ple No.	Depth In Feet	Classification	Water Content Percent	Density PCF		Unconfined Compressive Strength PSF
				Dry	Wet	
1	1.7	Medium stiff gray & tan clay w/silt pockets & roots	43.7	73.9	106.2	1715
2	4.7	Medium stiff gray & tan clay w/sand pockets & roots	54.0	65.2	100.5	1935
3	7.7	Soft dark gray clay w/silty sand layers & roots	53.5	60.1	92.3	590*
4	10.7	Soft dark gray clay w/organic matter & roots	92.9	45.7	88.1	690
5	13.7	Soft gray clay w/roots	70.8	57.2	97.6	630
16	58.2	Medium stiff gray clay w/silty sand pockets & shell fragments	46.1	73.7	107.7	1755
18	68.2	Stiff gray clay w/trace of sand	47.8	73.3	108.3	2570

\*Unconsolidated Undrained Triaxial Compression Test - One Specimen;  
 Confined at the approximate overburden pressure.

Geotechnical Investigation  
 London Avenue Canal  
 Levee and Floodwall Improvements  
 Orleans Levee Board Project No. 2049-0269  
 New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
 New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
 New Orleans, Louisiana

SUMMARY OF LABORATORY TEST RESULTS

BORING 16

Sam- ple No.	Depth In Feet	Classification	Water Content Percent	Density PCF		Unconfined Compressive Strength PSF	Atterberg Limits		
				Dry	Wet		LL	PL	PI
2	4.5	Very stiff gray clay w/silt pockets & roots	42.0	74.4	105.6	4570	134	29	105
3	7.5	Very stiff gray & tan clay w/sand pockets	40.6	75.4	106.0	4550			
4	11.0	Soft dark gray clay w/organic matter	89.1	45.7	86.4	845			

BORING 17

1	2.0	Stiff brownish-gray clay w/clayey silt pockets, roots & brick fragments	32.7	80.5	106.8	2835*			
2	4.5	Medium stiff gray clay w/silt pockets & organic matter	44.0	68.4	98.5	1885			
3	8.0	Medium stiff brownish-gray clay w/organic matter	59.4	52.3	83.4	1580*			
4	11.0	Soft black flocculated clay w/organic matter	50.7	64.1	96.6	830*	108	28	80
5	13.5	Soft gray clay w/roots	81.7	51.5	93.5	780			

\*Unconsolidated Undrained Triaxial Compression Test - One Specimen;  
 Confined at the approximate overburden pressure.

Geotechnical Investigation  
 London Avenue Canal  
 Levee and Floodwall Improvements  
 Orleans Levee Board Project No. 2049-0269  
 New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
 New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
 New Orleans, Louisiana

SUMMARY OF LABORATORY TEST RESULTS

BORING 18

Sam- ple No.	Depth In Feet	Classification	Water Content Percent	Density PCF		Unconfined Compressive Strength PSF	Atterberg Limits		
				Dry	Wet		LL	PL	PI
2	5.0	Stiff gray clay w/sand pockets & shells	26.6	90.2	114.1	3240			
3	8.0	Medium stiff brown & gray clay w/organic matter & roots	74.1	42.9	74.8	1710*			
4	10.5	Soft brown & gray clay w/organic matter & many roots	76.4	----	-----	----			
5	13.5	Soft gray clay w/roots	58.4	64.1	101.5	755			
6	16.5	Soft gray clay w/sand pockets & organic matter	47.0	72.6	106.8	900	72	23	49

\*Unconsolidated Undrained Triaxial Compression Test - One Specimen;  
 Confined at the approximate overburden pressure.

Geotechnical Investigation  
 London Avenue Canal  
 Levee and Floodwall Improvements  
 Orleans Levee Board Project No. 2049-0269  
 New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
 New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
 New Orleans, Louisiana

SUMMARY OF LABORATORY TEST RESULTS

BORING 50

Sam- ple No.	Depth in Feet	Classification	Water Content Percent	Density PCF		Unconfined Compressive Strength PSF	Atterberg Limits		
				Dry	Wet		LL	PL	PI
5	8.2	Soft dark gray clay w/silt pockets & organic matter	51.6	64.1	97.2	805			
6	10.7	Soft dark gray clay w/much organic matter & roots	104.2	41.7	85.2	700	161	45	116
7	13.7	Very soft gray clay w/organic matter & wood	80.7	----	-----	----			
8	18.2	Soft gray clay w/trace of organic matter	84.3	50.6	93.2	580			
20	63.2	Medium stiff gray fissured clay w/sand pockets & partings	44.6	72.7	105.2	1545			
21	68.2	Stiff gray clay w/shell fragments	44.5	75.3	108.8	2430	80	25	55
22	73.2	Stiff greenish-gray clay w/silt pockets & shell fragments	31.6	87.7	115.5	2300			
23	76.7	Stiff greenish-gray & tan clay w/silt pockets	28.8	89.3	115.1	2500	71	22	49
29	91.7	Medium stiff gray clay w/sandy silt layers	46.0	75.8	110.6	1625	74	23	51
30	96.7	Stiff gray clay w/silt lenses	37.9	83.6	115.3	2800			

Geotechnical Investigation  
 London Avenue Canal  
 Levee and Floodwall Improvements  
 Orleans Levee Board Project No. 2049-0269  
 New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
 New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
 New Orleans, Louisiana

SUMMARY OF LABORATORY TEST RESULTS

BORING 51

Sam- ple No.	Depth in Feet	Classification	Water Content Percent	Density PCF		Unconfined Compressive Strength PSF
				Dry	Wet	
2	1.7	Medium stiff gray & tan clay w/many sand lenses & layers	22.6	90.4	110.8	1070*
3	4.7	Medium stiff black & gray clay w/roots & organic matter	42.6	72.4	103.2	1275
4	7.7	Medium stiff tan & gray clay w/sand lenses & layers	52.7	68.0	103.8	1210
5	10.7	Soft gray clay w/roots & organic matter	75.0	55.2	96.6	720

\*Unconsolidated Undrained Triaxial Compression Test - One Specimen;  
 Confined at the approximate overburden pressure.

Geotechnical Investigation  
 London Avenue Canal  
 Levee and Floodwall Improvements  
 Orleans Levee Board Project No. 2049-0269  
 New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
 New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
 New Orleans, Louisiana

SUMMARY OF LABORATORY TEST RESULTS

BORING 52

Sam- ple No.	Depth in Feet	Classification	Water Content Percent	Density PCF		Unconfined Compressive Strength PSF
				Dry	Wet	
1	2.0	Stiff gray & tan clay w/silt pockets & shell fragments	35.9	84.3	114.5	2255
2	5.0	Medium stiff gray & tan clay w/silt pockets & trace of organic matter	65.2	59.8	98.7	1020
3	8.0	Soft gray clay w/organic clay layers, sand pockets & roots (fill)	67.0	----	-----	----
4	11.0	Very soft gray clay w/much organic matter & roots	164.2	29.1	76.8	350
5	14.0	Soft gray clay w/organic matter & roots	91.2	48.2	92.2	550
6	19.0	Very loose dark gray & gray clayey sand w/vertical sandy clay layers & roots	48.1	68.6	101.6	345*

\*Unconsolidated Undrained Triaxial Compression Test - One Specimen;  
 Confined at the approximate overburden pressure.

Geotechnical Investigation  
 London Avenue Canal  
 Levee and Floodwall Improvements  
 Orleans Levee Board Project No. 2049-0269  
 New Orleans, Louisiana

For: The Board of Levee Commissioners of the Orleans Levee District  
 New Orleans, Louisiana

Burk & Associates, Inc., Engineers, Planners & Environmental Scientists  
 New Orleans, Louisiana

SUMMARY OF LABORATORY TEST RESULTS

BORING 53

Sam- ple No.	Depth in Feet	Classification	Water Content Percent	Density PCF		Unconfined Compressive Strength PSF
				Dry	Wet	
1	2.0	Medium stiff gray & tan clay w/sand lenses, pockets & trace of organic matter	35.3	82.3	111.4	1545*
2	5.5	Medium stiff gray & tan clay w/sand pockets	42.2	74.0	105.3	1510
3	8.0	Medium stiff gray & tan clay w/vertical sand layers, organic matter & brick	44.4	----	-----	----
4	14.0	Soft gray & tan clay w/decayed roots	87.0	----	-----	----
15	59.0	Stiff gray & tan clay w/sand pockets & shell fragments	45.2	75.3	109.3	2055
16	64.0	Stiff gray clay w/sand pockets	54.3	68.2	105.2	2155
17	69.0	Medium stiff gray clay w/shell fragments	54.6	67.8	104.8	1705

\*Unconsolidated Undrained Triaxial Compression Test - One Specimen;  
 Confined at the approximate overburden pressure.

SECTION 01451 – CONTRACTOR QUALITY CONTROL

---

CQC ATTACHMENTS FOLLOW THIS PAGE

# CONTRACTOR QUALITY CONTROL PLAN

Contract No. W912P8-\_\_-\_\_-\_\_

Project Name: \_\_\_\_\_

Contractor: \_\_\_\_\_

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  - 4.1 CQC System Manager
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## 8.0 Quality Control Program

## 9.0 Forms

## 1.0 COMPANY POLICY

\_\_\_\_\_ Construction, Corp. considers quality control to be an inherent safeguard to ensure quality work and to guarantee that all work is done according to the contract documents in a professional manner. Noncompliance with plans and specifications must be detected promptly, and proper action taken to assure that this policy is a viable tool in monitoring the work.

## 2.0 PLAN PURPOSE

It is the intent of this Quality Control Plan (QCP) to establish and explain how this construction corporation plans to organize, control, and review all activities according to the plans and specifications provided by the U. S. Army Corps of Engineers with regard to quality for the above reference project. The plans primary purposes are to provide for the level of construction quality required by strict accordance with the plans and specifications.

## 3.0 QUALITY CONTROL ORGANIZATION

### 3.1 CQC System Manager

The CQC System Manager (CQCM) has front line responsibility for quality control. He will become thoroughly familiar with all aspects of the project and ultimately inspect all work to ensure quality is being maintained by all craftsmen, vendors and subcontractors. The CQCM is ultimately responsible for inspecting, documenting, and reporting to the contracting officer all aspects of the work described and detailed in the plans and specifications. He is responsible for implementing and enforcing the Quality Control Plan. His duties include, but are not limited to:

- a. Implementation of the 3-phase control system for all definable features of work.
- b. Day-to-day inspection of the work.
- c. Daily on site documentation
- d. Ensure that all in-place work meets or exceeds all minimum standards set forth in the plans and specifications.
- e. Detect discrepancies or problems on site and immediately bring the same to

the attention of the Contracting Officer's Representative, as should be necessary.

f. Preparation and review of submittals and certification of submittals prior to submission.

g. Maintain document control.

h. Maintain As-built conditions.

i. Interface with the owner and outside agencies as required.

The CQCM proposed for this project is \_\_\_\_\_. See section 4.0 for a copy of his resume'.

### 3.2 CQC System Manager Alternate

The CQC system manager alternate will assume responsibilities for all aspects of quality control as required by our Quality Control Plan and the Contract Documents should the CQCM not be able to perform his duties. The CQC system manager alternate for this project is \_\_\_\_\_.

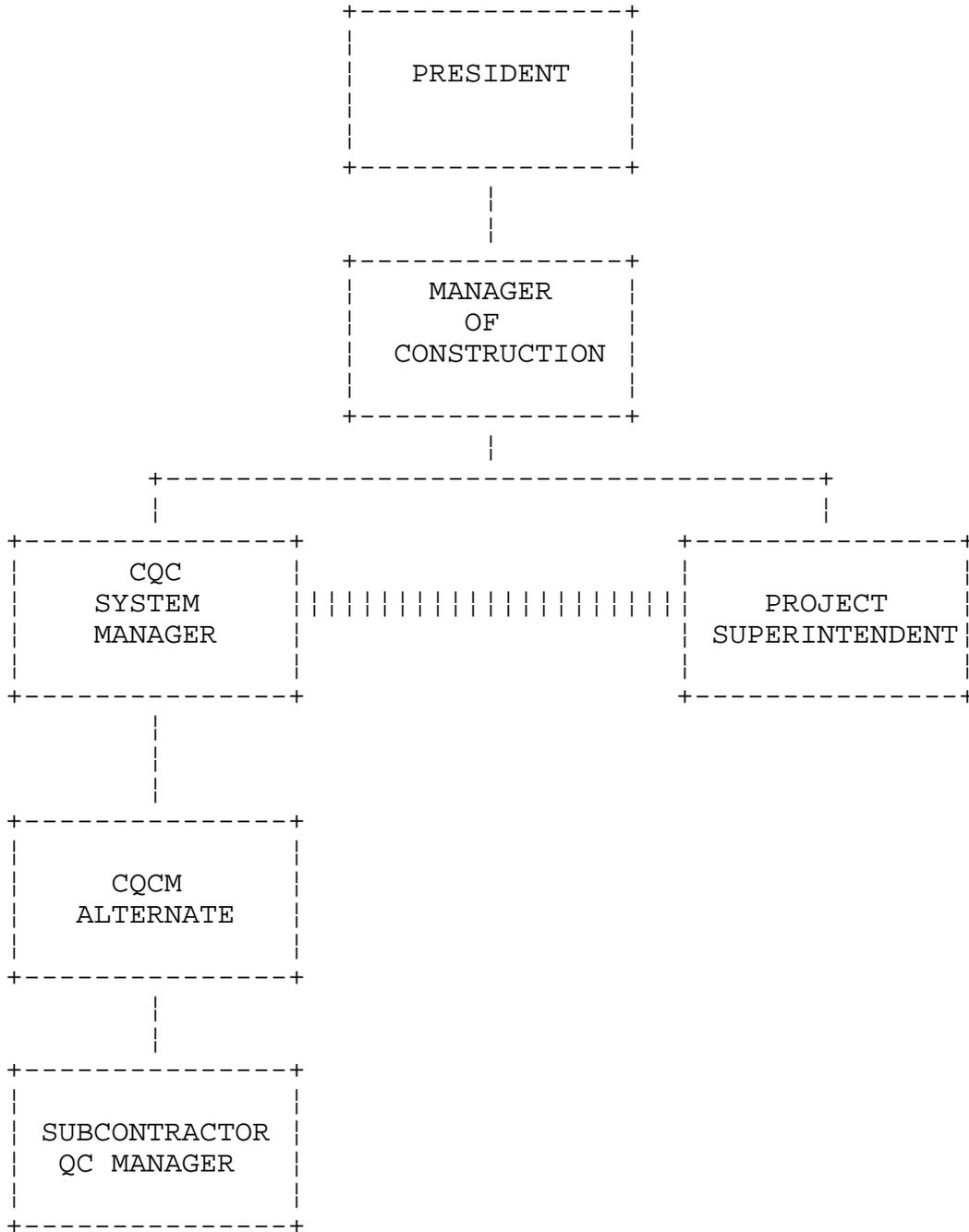
### 3.3 Manager of Construction

The Manager of Construction for this corporation is based in the home office in \_\_\_\_\_ and has a major responsibility for quality control through a supervisory role of the CQCM. The Manager of Construction will at all times keep the field forces focused on the company's commitment to quality in all phases of the work. The Manager of Construction will make routine visits to the site of work. The Manager of Construction for this company is \_\_\_\_\_.

## 4.0 RESUME OF PERSONNEL

Attached are resumes of all personnel in the above described organization. The Contracting Officer's approval will be requested before any staff changes occur, if they should become necessary.

**QUALITY CONTROL  
ORGANIZATIONAL CHART  
CONTRACT NO. W912P8-\_\_-\_\_-\_\_\_\_\_**



4.1 Resume' of \_\_\_\_\_, CQC System Manager

Personal Data and Education

Date of Birth:  
Residence:  
Graduate of:  
Completed courses in:

Professional Experience

4.2 Resume' of \_\_\_\_\_, CQCM Alternate

Personal Data and Education

Date of Birth:  
Residence:  
Graduate of:  
Completed courses in:

Professional Experience

4.3 Resume' of \_\_\_\_\_, Manager of Construction

Personal Data and Education

Date of Birth:  
Residence:  
Graduate of:  
Completed courses in:

Professional Experience

5.0 DESIGNATION OF CQC SYSTEMS MANAGER

(Contractor)

Date

Mr. \_\_\_\_\_

(Mailing Address)

SUBJECT: Contract No. W912P8-\_\_-\_\_-\_\_\_\_  
(Project Name)

Mr. \_\_\_\_\_:

This letter is to designate you as the Contract Quality Control Systems Manager for the subject project. In this capacity, you will be responsible for all aspects of quality control as required by our Quality Control Plan and the Contract Documents. You have complete authority to implement these programs including authorization to stop work which fails to comply with the requirements of the Contract Documents.

Sincerely,

\_\_\_\_\_, President

## 6.0 DESIGNATION OF CQC SYSTEM MANAGER ATERNATE

(Contractor)

Date

Mr. \_\_\_\_\_

(Mailing Address)

SUBJECT: Contract No. W912P8-\_\_-\_\_-\_\_\_\_\_  
(Project Name)

Mr. \_\_\_\_\_

This letter is to designate you as the Quality Control System Manager Alternate for the subject project. Should for any reason Mr. \_\_\_\_\_ not be able to perform his duties as CQCM, you will assume responsibility for all aspects of quality control as required by our Quality Control Plan and Contract Documents. To enable you to fulfill this responsibility, you have complete authority to implement these programs including authorization to stop work which fails to comply with the requirements of the Contract Documents.

Sincerely,

\_\_\_\_\_, President

## 7.0 PROCEDURES

### 7.1 Scheduling and Managing Submittals.

The CQCM will be the submittal manager. The CQCM has full authority to act for the firm in all submittal matters. His responsibilities include scheduling, review, updating and any submittals required from subcontractors.

Within 7 days of the Notice to Proceed, the CQCM will complete the submittal register contained in Section 01300 and submit to the Contracting Officer 4 copies for approval. Contractor schedule dates will be coordinated with the progress schedule and shall reflect 30-day minimum period for review and approval.

The CQCM will review the submittal register a minimum of every 10 days. The submittal register will be utilized to plan and monitor submittal progress so as to ensure timely approval of methods/materials prior to their scheduled need times. The submittal register will be available for inspection by the Contracting Officer at all times. An updated submittal register will be forwarded to the CO at 60-day intervals or as requested.

The CQCM will review the submittal register during preparatory phase of quality control to ensure that all submittals for the ensuing feature of work are approved and will take action to correct any deficiencies in submittal requirements.

All submittals required by the specifications or as needed for approval of deviation will be submitted by the CQCM in original and 4 copies utilizing ENG form 4025 in accordance with submittal register schedule dates or sooner. Prior to submittal, all shop drawings, data, samples, certifications, and test reports will be reviewed by the CQCM to ensure compliance with the contract requirements. Corrections and revisions will be requested where necessary.

## 7.2 Control Testing

7.2.1 Test List - A listing of all tests indicated in the contract specifications and additional tests as needed to establish quality control will be incorporated in the Contractor Quality Control Program found in section 8.0 of this plan. This listing will include the name of the test, specification para. number, feature of work tested, responsible person, and frequency.

7.2.2 Testing Facilities - The proposed testing lab for use on this project is:

\_\_\_\_\_ Testing Laboratories  
PO Box \_\_\_\_\_  
\_\_\_\_\_, LA \_\_\_\_\_

If required, a resume' of \_\_\_\_\_ facilities and personnel qualifications will be furnished to the Contracting Officer.

7.2.3 Test Records - All testing activities will be recorded on the CQC report, indicating the name of the test performed, specification paragraph reference, and

location performed. Results of the tests will be recorded on the daily CQC report or attachments. Actual test reports will be furnished promptly to the Contracting Officer as directed by the specifications.

### 7.3 Inspection

7.3.1 Materials - The CQCM will inspect all material/equipment deliveries for: (1) compliance with approved submittals, (2) damage, (3) correct dimensions and quantities, and (4) required labeling and documentation. The Contracting Officer will be notified of any materials/equipment failing to meet requirements. A record of inspection will be noted in the CQC report and any necessary corrective action will be initiated. Proper storage will be checked.

7.3.2 Off-Site Inspection - The CQCM will inspect manufacturing facilities and material sources as specifically directed by the specifications. Additional inspections will be conducted as necessary to ensure compliance with the specifications. The CQCM will record off-site surveillance activities in the CQC report. Where instances of noncompliance are observed, corrective action will be initiated.

7.3.3 On-Site Inspection - Each craftsman will be charged with the responsibility of performing his or her work in a workman like manner and continually striving for the highest degree of quality. Only craftsman who exhibit an ability to perform and desire to achieve quality will be employed.

The CQCM will routinely and continually inspect the work for compliance with contract documents. His duties, as outlined in 3.1 above, are for the purpose of maintaining and documenting the work as required to achieve a high degree of quality.

The Contract Quality Control Program outlined in paragraph 8.0 of this plan will provide an outline for the CQCM with regard to all definable features of the work. The CQCM's inspection of these work features will be accomplished through implementation of the 3-phase control procedure outline in para 7.4.

7.3.4 Completion Inspection - After completion of all work, the CQCM will conduct a completion inspection of all work features. A punchlist will be developed to identify all items which are not in compliance with the specifications and drawings. The CQCM will establish a date by which each deficiency will be corrected and note such date on the punchlist. A follow-up inspection will be conducted to verify completion of all punchlist items. The completion inspection and any resulting corrective action will be accomplished within the contract performance period. The Contracting Officer will be notified upon completion of the punchlist and corrective work. The punchlist will be made part of the Quality Control documentation by attachment to the CQC report.

## 7.4 Control Procedures

A 3-phase control system shall be implemented by the Quality Control staff to ensure that construction, including subcontractors and suppliers, complies with the requirements of the contract documents. This system of management will address each definable feature of work beginning with early planning stage requirements and ending with the finished work. Each phase will allow the opportunity to prevent problems and deficiencies and ensure that the accident prevention program is implemented. The 3 control phases are outlined in para 7.4.1 thru 7.4.3.

7.4.1 Preparatory Phase - This phase will be performed prior to beginning work on each definable feature of work. This phase will be conducted at a meeting involving the CQCM/Project Superintendent, QA personnel, and the foreman involved in the particular work feature. The Contracting Officer will be notified 48 hours in advance of the preparatory phase. This phase will include:

- a. A review of the applicable section of the specifications and contract drawings. (review specs)
- b. A review of the submittal register to ensure that all required submittals are submitted and approved. Take corrective action when necessary. Submittal data will be discussed to acquaint all team members with technical aspects and points particular to the work feature. (review submittals)
- c. A check to ensure that materials and equipment are in compliance with approved submittals and specifications. Verify that required materials/equipment are on hand and properly stored. (check material)
- d. Verify that preliminary work is completed.
- e. Review control testing requirements and verify that testing facilities are approved. Verify that necessary provisions are made for testing. (review testing)
- f. A consensus will be reached on planned construction procedures and the required level of quality expected from the CQCM in order to meet contract specifications. (set standards)
- g. Review appropriate Activity Hazard Analysis to assure safety requirements are met. The CQCM will inspect all equipment to ensure that minimum requirements for safety provisions in accordance with EM 385-1-1 and applicable regulations are met. (safety check)
- h. The above described activities will be documented on the COE form

"Preparatory Phase Checklist". This form will be attached to the CQC report and furnished to the Contracting Officer. Problems and deficiencies apparent during the preparatory phase and corrective action initiated will be noted in this report.

7.4.2 Initial Phase - This phase is performed once a representative portion of work has taken place for each definable feature of work and will be conducted at a meeting involving the CQCM/Project Superintendent and foreman involved in the particular work feature. The Contracting Officer will be notified 48 hours in advance of this phase. Initial phase will include:

- a. A check to ensure that preliminary work is completed.
- b. Verify that materials/equipment and construction procedures are in compliance with the contract documents.
- c. Review control testing requirements.
- d. Set standards of quality required to meet contract specifications.
- e. Review the Activity Hazard Analysis to ensure safety requirements are met. Check equipment for safety provisions.

f. The above described activities will be documented on the COE form "Initial Phase Checklist". This form will be attached to the CQC report and furnished to the Contracting Officer. Problems and deficiencies apparent during the initial phase and corrective actions initiated will be noted in this report. The initial phase will be repeated any time the CQCM feels that quality standards and safety requirements must be reinforced.

7.4.3 Follow-Up Phase - This phase is accomplished through the daily inspections by the CQCM, also through performance of the required control testing. Follow-up phase efforts will ensure a continuation of quality and safety standards established during preparatory and initial phases until completion of the work feature. The CQCM's follow-up phase activities, including deficiencies noted, corrective action taken, and control testing results will be recorded in the daily CQC report.

## 7.5 Reporting and Documentation

The CQCM will maintain records of all quality control activities including documentation of control testing and inspection, and maintain integrity of the contract documents through use of the following described forms and procedures. Additional reports will be formulated or added as needed.

7.5.1 Daily Record - The CQCM will utilize the COE furnished forms titled "*Contractor Quality Control CQC Form*" to record daily control activities and resources used, work performed, and other data indicated on this form. The original and two copies will be furnished to the Contracting Officer within 12 hours of the reporting date. The CQCM will maintain copies for his files. Test reports will be included in the CQC report.

7.5.2 Control Phase Checklists - The CQCM will utilize the COE furnished forms entitled "*Preparatory Phase Checklist*" and "*Initial Phase Checklist*" to document these control phase activities. Original and two copies will be attached to the CQC report for the date on which the control phase is completed. A log will be posted at the jobsite office in chart form to record the dates on which preparatory and initial phases were completed for each definable feature of work so as to allow easy verification of control activities.

7.5.3 Tracking Construction Deficiencies - The form for tracking construction deficiencies is the Deficiency Report (DR). A DR can be issued by the CQCM/Project Superintendent or Manager of Construction. All DR's shall be kept and updated by the CQCM. The DR log will be available for inspection by the Contracting Officer. See attached forms for the example of a DR.

The DR tracking log will be in chart form and bound in a log book maintained on site. See attached example of the deficiency report tracking log. The DR log book is available for inspection by the Contracting Officer at all times.

A construction deficiency for the purposes of this plan is defined as:

1. An occurrence in which defective work or work lacking some essential part has been covered or is otherwise left as complete.
2. Products are furnished to the site or incorporated into the work which do not meet the conditions of the contract documents.
3. Inspection points or contract requirements affecting quality of the work that have not been met. Minor defects in work on which construction is underway is not to be considered a Construction Deficiency.

7.5.4 Contract Document Control - The CQCM will maintain a record in log form of the most up-to-date documents issued for construction and adjustments. No contract documents will be replaced or revised without receipt of a modification or direction from the Contracting Officer. The CQCM will maintain As-Built contract drawings.

7.6 Changes to the CQC Plan - Periodically, and at least once weekly, the CQCM

will review the CQC plan with the possible need for changes in mind. During the course of work on this contract, it is reasonable to expect the need for some changes to arise. When they do, the QC Manager will incorporate these changes in the form of written amendments and copies will be furnished to the Contracting Officer.

## ***8.0 QUALITY CONTROL PROGRAM***

(Sample only, this is done for each definable feature of work)

**Q. C. ACTIVITIES & TESTING REQUIREMENTS  
FOR DEFINABLE FEATURES OF WORK**

**CONTRACT W912P8-\_\_-\_\_-\_\_\_\_\_**

**Definable Feature: Cast In-Place Structural Concrete  
Section 03301**

Definable Feature		Submittal	Quality Control Activities		
Description	Spec. Para.	Req'd	Description of Observation Procedure or Test Required	Freq.	Remarks
Concrete - Grout, Water	03301-15.1.4.1 03301-15.5.1.6	Submittal Register	Grout certificate, equipment & method used, & source of mixing & curing water	Once prior to placement	
Concrete - Finishing Formed Surfaces	03301-12.2	QC Report	Visually inspect all finishing is started within 24 hours of form removal, tie rod holes & defective concrete voids and honeycombs are filled properly, smooth surface	After each placement	
Concrete - Fine Aggregate	03301-15.2.1.1	QC Report	Sieve analysis and fineness modulus determination	At least once each delivery	Testing by _____ Laboratory
Concrete - Coarse Aggregate	03301-15.2.2	QC Report	Sieve Analysis	At least once each delivery	Testing by _____ Laboratory
Concrete - Moisture Test	03301-15.2.2.2	QC Report	Test for moisture content for each size coarse aggregate	At least once each delivery	Testing by _____ Laboratory
Concrete - Mixer Uniformity	C03301-15.2.12	QC Report	Uniformity of concrete determined in accordance with ASTM C 94.	Prior to concrete placement & 1/ 6 mo	

**Q. C. ACTIVITIES & TESTING REQUIREMENTS  
FOR DEFINABLE FEATURES OF WORK**

**CONTRACT W912P8-\_\_-\_\_-\_\_\_\_\_**

Definable Feature: Cast In-Place Structural Concrete  
Section 03301

Definable Feature		Submittal	Quality Control Activities		
Description	Spec. Para.	Req'd	Description of Observation Procedure or Test Required	Freq.	Remarks
Concrete	03301-5.3	Submittal Register	Submit batch plant details, mixer details, conveying methods and equipment, placing, joint clean-up, curing, and weather requirements	once 14 days prior to placement	
Concrete	03301-3.1.1	Submittal Register	Submit 500 lb sample of aggregate to Waterway Experiment Station for testing if an approved supplier is not used	Once prior to concrete placement	
Concrete	03301-5.1.1	Submittal Register	Submit concrete mixture proportion	Once	
Concrete - Materials	03301-5.1.2	Submittal Register	Submit cement cert. of compliance	Once	Testing by supplier or _____ Lab
	03301-5.1.5		Submit sieve analysis for aggregates		
	03301-5.2.3		Submit air-entraining agent cert. of compliance		
	03301-5.2.5		Submit curing compound cert. of compliance		

**Q. C. ACTIVITIES & TESTING REQUIREMENTS  
FOR DEFINABLE FEATURES OF WORK  
CONTRACT W912P8-\_\_-\_\_-\_\_\_\_\_**

**Definable Feature: Cast In-Place Structural Concrete  
Section 03301**

Definable Feature		Submittal	Quality Control Activities		
Description	Spec. Para.	Req'd	Description of Observation Procedure or Test Required	Freq.	Remarks
Concrete - Placement Preparations	03301-15.2.7	QC Report & LMV Form 1246	Visually & Measure as needed, prior to placement, foundations, const. joints, forms, embedded items, etc., to verify that concrete placement OK	Prior to placement	
Concrete - Air Content	03301-15.2.6.1	QC Report	Test Concrete for air content	Twice per day	Use _____ Laboratory
Concrete - Slump	03301-15.2.5.2	QC Report	Test Concrete slump	Twice per day	Use _____ Laboratory
Concrete - Placement	03301-15.2.8	QC Report	Visually inspect placement operations to verify proper equipment, methods, time interval, temp., yardage placed, & placement method	Each Placement	
Concrete - Curing	03301-13.2,4	QC Report	Inspect all surfaces subject to moist curing & impervious sheet curing	At least once/day	Including weekend/hol.
Concrete - Curing	03301-13.3	QC Report	Assure that curing compound is mixed properly, & meets minimum pressure and coverage requirements	After removal of forms	Measure & visual
Concrete - Vibration	03301-15.2.9	QC Report	Test frequency and amplitude of vibrator	Prior to 1st use & 1/month	

## **9.0 FORMS**

# CONTRACTOR QUALITY CONTROL (CQC) FORM

Contractor's Name

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Daily Report No: \_\_\_\_\_ Date: \_\_\_\_\_

Contract No: W912P8-\_\_-\_\_-\_\_\_\_\_

Project Title and Location: \_\_\_\_\_

Weather: \_\_\_\_\_ Rain: \_\_\_\_in. Temp: \_\_\_\_Min. \_\_\_\_ Max.

## 1. Contractor/Subcontractors and Area of Responsibility:

NUMBER	TRADE	HOURS	EMPLOYER	LOCATION/DESCRIPTION

## 2. Operating Plant of Equipment. (Not hand tools)

PLANT/ EQUIPMENT	DATE OF ARRIVAL/ DEPARTURE	LEASED/ OWNED L OR O	DATE OF SAFETY CHECK	HOURS USED	HOURS IDLE	HOURS REPAIR

## **CQC Report Form (Cont'd)**

3. Work performed today: (Indicate location and description of work performed by prime and/or subcontractor by letter in table above.)

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4. Results of control activities: (Indicate whether P - preparatory, I - Initial, or F - Follow-up Phase. When a P or I meeting is conducted, complete appropriate forms, attached.)

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5. Test performed as required by plans and/or specifications:

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6. Materials received:

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**CQC REPORT FORM (CONT'D)**

7. Submittals Reviewed:

(a) Submittal No.	(b) Spec/Plan Reference	(c) By Whom	(d) Action

8. Off-site surveillance activities, including action taken:

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9. Job Safety: (Report violations; Corrective instructions given, taken.)

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10. Environmental Protection: (Report violations; Corrective instructions given, taken.)

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11. Remarks: (Instructions received or given. Conflicts in Plans and/or Specifications.)

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Contractor's Verification: On behalf of the contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the plans and specifications, to the best of my knowledge, except as noted above.

\_\_\_\_\_  
Authorized CQC System Manager

\_\_\_\_\_  
Date

# PREPARATORY PHASE CHECKLIST FORM

Contract No.: W912P8-\_\_-\_\_\_\_

Date: \_\_\_\_\_

Definable Feature:  
\_\_\_\_\_

Government Representative Notified 48 Hours in Advance

Yes\_\_\_\_ No \_\_\_\_

## I. Personnel Present:

Name	Position	Company/Government

(List Additional Personnel on reverse side)

## II. Submittals

1. Review Submittals and/or submittal log 4288. Have all submittals been approved? Yes\_\_\_\_ No\_\_\_\_

If No, what items have not been submitted?

a.

\_\_\_\_\_

b.

\_\_\_\_\_

c.

\_\_\_\_\_

2. Are all materials on hand? Yes\_\_\_\_ No\_\_\_\_

If No, what items are missing?

a.

\_\_\_\_\_

b.

\_\_\_\_\_

c.

\_\_\_\_\_

**PREPARATORY PHASE CHECKLIST FORM (CONT'D)**

3. Check approved submittals against delivered material. (This should be done as material arrives.) Comments:

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III. Material storage

Are materials stored properly? Yes\_\_\_ No\_\_\_  
If No, what action will be taken?

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IV. Specifications:

1. Review each paragraph of specifications.

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2. Discuss procedure for accomplishing the work. (Include labor and equipment to be used)

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3. Clarify any differences from specifications.

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V. Preliminary Work - Ensure preliminary work is correct.

If not, what action will be taken?

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# PREPARATORY PHASE CHECKLIST FORM (CONT'D)

## VI. Testing

1. Identify test to be performed, frequency and by whom.

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2. When required?

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---

3. Where required?

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---

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4. Review Testing Plan.

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## VII. Safety

1. Review applicable portion of COE EM 385-1-1.

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2. Activity Hazard Analysis Approved? Yes\_\_\_ No\_\_\_

3. All equipment checked and checklists recorded? Yes\_\_\_ No\_\_\_  
If not, what action will be taken?

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VIII. Corps of Engineers comments during meeting.

\_\_\_\_\_  
CQC Representative

# INITIAL PHASE CHECKLIST FORM

Contract No.: W912P8-\_\_-\_\_-\_\_

Date: \_\_\_\_\_

Definable Feature:

\_\_\_\_\_

Government Representative Notified 48 Hours in advance Yes\_\_\_ No\_\_\_

## I. Personnel Present:

Name	Position	Company/Government

(List Additional Personnel on Reverse Side)

II. Is work in full compliance with plans, specifications and submittals. Are procedures and quality control measures being used acceptable.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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## **INITIAL PHASE CHECKLIST FORM (CONT'D)**

III. Preliminary work. Ensure preliminary work is complete and correct. If not, what action will be taken?

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IV. Establish Level of Workmanship.

1. Where is work located?

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2. Quantity of work performed?

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3. Is a sample panel required? Yes\_\_\_ No\_\_\_

4. Will the initial work be considered as a sample? Yes\_\_\_ No\_\_\_

V. Are standards of acceptance mutually agreed upon? Resolve any differences.

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VI. Check Safety.

Review job condition using COE EM 385-1-1 and job hazard analysis. Comments:

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CQC Representative

# **DEFICIENCY REPORT**

Contract No.: W912P8-\_\_-\_\_-\_\_

DCR NO.: \_\_\_\_\_

Project Name: \_\_\_\_\_

Contractor: \_\_\_\_\_

Description of Deficiency:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sketch Attached: Yes \_\_\_ No \_\_\_

Issued By: \_\_\_\_\_ Date: \_\_\_\_\_

Approved and Logged By: \_\_\_\_\_ Date: \_\_\_\_\_  
CQCM

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Planned Corrective Action:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CO or Representative: \_\_\_\_\_ Date: \_\_\_\_\_

CQCM: \_\_\_\_\_ Date: \_\_\_\_\_

Corrective Action Implemented: \_\_\_\_\_ Date: \_\_\_\_\_  
Project Super.

Corrective Action Inspected: \_\_\_\_\_ Date: \_\_\_\_\_  
CQCM

# DEFICIENCY REPORT TRACKING LOG

Contract No. W912P8-\_\_-\_\_-\_\_\_\_

| DR NUMBER | DATE ISSUED | ISSUED BY<br>(Initial) | WORK FEATURE<br>(See DR Report for details) | DATE CORRECTED | DATE INSPECTED | INSPECTOR<br>(INITIAL) |
|-----------|-------------|------------------------|---------------------------------------------|----------------|----------------|------------------------|
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