Mr. John Evanco
District Administrator
ATTN: Ms. Geneva Grille
District Design, Water Resources and
Development Engineer
Department of Transportation and Development

BCF (wo/encl):
CEMVN-ED-FS
CEMVN-PM-M
CEMVN-CD
CEMVN-CD-NO
CEMVN-ED-E
CEMVN-CT

January 5, 1998

Real Estate Division
Acquisition Branch

Mr. Glen Bergeron
President, East Jefferson Levee District
203 Plauche Court
Harahan, Louisiana 70123

Dear Mr. Bergeron:

We propose to take samples of canal bottom sediments in the 17th Street Outfall Canal at Pumping Station No. 6, Orleans and Jefferson Parishes, Louisiana. The locations at which the samples will be taken are indicated on the enclosed drawing.

This soil sampling is necessary to determine if the material will be disposed of in an industrial landfill or in a certified landfill. The determination of the landfill disposal site will result in a more accurate bid and eliminate the possibility of a "Change due to Differing Site Conditions." The current specifications require the contractor to bid assuming the material is to be disposed of at an industrial landfill. After award of the contract, the contractor must perform testing. If the material has to be disposed of in a certified landfill, a change would be made under the "Differing Site Conditions Clause."

A one-half ton carry-all, an 18-foot flat boat with trailer and a one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Jessamine Street. Samples will be taken in the canal with a grab-type sampler. The expected duration of the job is one day.

Since the work at the 17th Street Outfall Canal will fall in both Orleans and Jefferson Parishes, a right of entry has been requested from the Orleans Levee District for this site as well, for those areas in their jurisdiction. All ingress and egress will be via public roads and highways.

It is requested that you grant right of entry to perform this soil sediment sampling, with ingress and egress, to the United States of America, by January 23, 1998, in order to meet our schedule. If any additional information is needed, please do not hesitate to contact our Mrs. Deanna Walker at 862-2519. Your continued cooperation is appreciated.

Sincerely,

Clyde H. Sellers
Chief, Real Estate Division

Enclosure

Copies Furnished (with enclosure):

Mr. Stevan G. Spencer
Chief Engineer
Orleans Levee District
Suite 202, Administration Building

Mr. G. Joseph Sullivan
General Superintendent
Sewerage & Water Board of New Orleans
General Offices

Copies Furnished (without enclosure):

Mr. Curtis Patterson
Director of Public Works and Flood Control
Department of Transportation and Development

CEMVN-RE-A (405-90h) 8 Apr 98

MEMORANDUM FOR Chief, Engineering Division

SUBJECT: Rights-of-Entry (ROE) Requests for Sediment Sampling, Lake Pontchartrain and Vicinity, Hurricane Protection Plan (HLP), Fronting Protection for Pumping Station Nos. 3, 4, 6, and 7, at London, 17th Street, and Orleans Avenue Outfall Canals, Orleans and Jefferson Parishes

1. Memorandum, CEMVN-ED-FS, 24 Nov 97, requested that ROE be secured to accomplish subject work.

2. By letters dated January 14, 1998 and January 21, 1998, the Orleans Levee District granted the United States of America, ROE, including the right of ingress and egress, to the perform subject work within the portions of Pumping Station Nos. 3, 4, and 7, under its jurisdictional control. In addition, by letter dated January 30, 1998, the Sewerage and Water Board of New Orleans (S&WBNO) granted the United States of America, ROE, including the right of ingress and egress, to the perform subject work within the portions of Pumping Station Nos. 3, 4, and 7, under its jurisdictional control. Therefore, ROE is available to perform subject work at Pumping Station Nos. 3, 4, and 7, as requested.

3. This ROE is valid thru 13 Jan 99, and is subject to the following condition:

- That subject work is coordinated with the respective station operators for all safety concerns. Please contact Mr. Rudy St. Germain with the S&WBNO at 865-0409, for the names and phone numbers of the respective station operators.

4. This completes ROE requirements to accomplish subject work at Pumping Station Nos. 3, 4, and 7. We are still coordinating ROE to the remaining site, Pumping Station No. 6. We will notify your office when ROE to that site is available.

5. POC is **Deanna E. Walker, x2519.**

for CLYDE H. SELLERS
Chief, Real Estate Division

CF:
CEMVN-ED-FS
CEMVN-ED-E
CEMVN-PM-M

CEMVN-RE-A (405-90h) 8 Apr 98

MEMORANDUM FOR Chief, Engineering Division

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5. POC is **Deanna E. Walker, x2519.**

CLYDE H. SELLERS
Chief, Real Estate Division

CF:
CEMVN-ED-FS
CEMVN-ED-E
CEMVN-PM-M

11/6

{Right of Entry 1month to 1½ months
Verbal request}

↓ 388

Analytical tests Eight (8) RCRA Metals.

TED ?
NAME → Ron Frerker

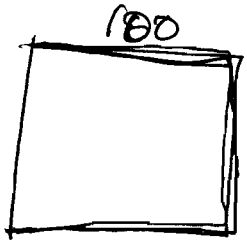
Days / perdiem
~~Flight cost~~
Sample RCRA ~~$100~~ /sample → Normal $75
PCB ~~$100~~ /sample → $105
✓ Herbicide ~~$100~~ $110
HVO $140
TPH $50
Semi Volatile Organics 230

Volatile $20 - prep
Non volatile $10
metals prep $20

60 x 10
600
~~200~~

750 x 10 7600
Geology Invest. 3500
1200
~~13~~ 300
11, 800

Monday
Ted Postal



15,000 □ Ft
10
100
~~150~~

Less than 18 months
TCLP

6721

From: Stanley B Jr Green
To: LMNN10.VOJKOVIC
Date: 1/21/98 8:21am
Subject: Sediment Sampling in Outfall Canals

Frank,

I'm confused by your 5 Jan 98 letter to Mr. James Huey of the Orleans Levee District concerning rights-of-way for sediment sampling in the Orleans Avenue, London Avenue, and 17th St. outfall canals. Our last communication on this matter was on 15 Dec 97, consisting of an e-mail communication in which we recommended, for a number of reasons, not proceeding with the sampling prior to contract award. (Reasons included the fact that the contractor apparently can do the work for some $30,000 less than we can and the likelihood that sediment disposal would not be completed within the 18-month time limit from completion of our testing, thus necessitating another round of sampling and testing.) We understand that discovery by the contractor of hazardous materials would result in a claim for differing site conditions; however, after weighing the various risks involved we concluded that the more attractive course of action would be to let the contractor do the sampling. Has anything occurred that would change the picture?

Stan

CC: LMNN30.SATTERLE, COTTONEE

CESWF-EV-D 16 October 1997

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Closure of Southwestern Division Laboratory

1. Reference CESWF-EV memorandum dated 30 September 1997, Subject: Closure Plan for the Southwestern Division Laboratory.

2. Effective 7 November 1997, the Southwestern Division Laboratory (SWDL) will stop accepting environmental samples.

3. Beginning 10 November 1997, the Environmental Design Branch of Fort Worth District's Environmental Division (CESWF-EV-D) will provide, via contract, environmental chemistry testing services for all customers of SWDL. Under this new organization, customers will be sending all test samples directly to CESWF's contract laboratories. Do not send any environmental chemistry test samples to the Fort Worth District office. A list of laboratories presently under contract is attached for your reference.

4. The following procedures will be implemented by CESWF-EV-D NLT 10 November 1997 to insure continued uninterrupted testing of environmental samples.

a. Pre-sampling coordination - Any samples collected will be shipped directly from the field to one or more of the contract laboratories. Prior to initiation of a project or sampling event, the project manager (PM) or technical manager (TM) must contact one of the CESWF-EV-D chemists listed below. The PM/TM will identify how many and what kind of samples will be collected (e.g., soil, water, etc.), the analytes and test methods desired, required turnaround times, and any special requests (e.g., unusually low detection limits, non-standard analyte lists, etc.). In the case of QA sample testing, the PM/TM must identify the name of the A/E's primary laboratory so that a conflict of interest in laboratory testing will not arise. The CESWF-EV-D chemist will identify which laboratory(ies) will be used for the project or sampling event, and provide an estimate of what the costs will be for testing and data review. The PM/TM must ensure that adequate funding is available to cover all planned testing prior to sample shipment. Contract laboratories will not be authorized to begin testing until sufficient funds are available. Do not send samples to a CESWF contract laboratory without prior arrangement with CESWF-EV-D. To facilitate the transition, please begin coordinating contract laboratory services with one of the following CESWF-EV-D chemists beginning 27 October 1997.

Name	Telephone Number
Roxanne Welch	(817) 978-3221, extension 1639
Linh Nguyen	(817) 978-3221, extension 1650

b. Chain-of-custody (COC) forms - Simultaneous to shipping the samples to the contract lab, a copy of the completed COC form must be faxed to the CESWF-EV-D chemist at **fax number (817) 978-2991**. It is critical that the COC is filled out completely and correctly as this will be the sole basis for CESWF-EV-D to issue the task order to the contract laboratory. At a minimum, the COC must include the following information (a blank COC form is attached for information and/or use on future sampling events):

Project/Installation (e.g., Fort Hood, Beals Creek, etc.)
Site, feature or activity (e.g., lagoons, RFI, etc.)
Matrix sampled
Analytes to test for
Test method
Turn around time
Special requests (e.g., low detection limits, etc.)
Request for electronic data format
USACE POC's name and phone number (PM, TM, or project chemist)
Funding Citation
    MIPR number for non-Fort Worth District projects
    PR&C number for Fort Worth District projects

Your cooperation in fully completing COC forms will be essential in helping us continue to provide the same quality service routinely offered by the SWDL. Previously, the SWDL had been able to coordinate closely with its customers to clear up incomplete or unclear COCs. This level of coordination may not be possible with the reduced staff that will be available for monitoring and oversight of environmental testing.

5. One copy of the original test report will be forwarded to each client as soon as available. The standard turnaround target will be 30 calendar days from the laboratory(ies') receipt of the last sample in a sampling event, sample group, or other grouping as arranged with the PM/TM. Since copies of the test reports will not be retained by CESWF, administrative questions concerning apparent missing data, pages, typographical errors, etc. will be referred directly to the testing laboratory involved. Other questions concerning selection of test methods, interpretation of data, evaluation of data quality, etc. should be directed to one of the CESWF-EV-D chemists. We believe this process is capable of managing the current amount of work performed by SWDL and will be able to accommodate potential future workload increases.

6. Please direct any questions regarding these new procedures to Mr. Mark Simmons, Chief, Environmental Design Branch, telephone (817) 978-9923, ext. 1630 or Ms. Deborah Perrin, Team Leader, Investigations Section, telephone (817) 978-3221, ext 1641.

Encls

MICHAEL G. ENSCH
Chief, Environmental Division

DISTRIBUTION:
CESWT-EC-GC (Rex Ostrander)
CESWT-EC-G (Bill Erdner)
CESWG-ED-D (Rene Duarte)
CESWG-ED-D (John Cleveland)
CESWL-ED-G (Carroll D. Winter)
CESWL-ED-GS (Robert Leroy Arnold)
CESPA-ET-EG (Jim McAdoo)
CESPA-ET-EG (Dwayne Lillard)
CESWD-ET-E (Harlan Karbs)
CECW-E (Harry Singh)
CEWES (David Bennett)
CESWT-EC
CESWG-ED
CESPA-ET
CESWF-EC
CESWF-EV-D

Commander
Army Training Command
Department of the Air Force
Headquarters, Air Training Command (ATC)
ATTN: DEEV
Randolph AFB, TX 78150-5001

Commander
US Army Garrison, Fort Chaffee
ATTN: ATZR-ZF, Bldg 241 (Environmental)
Fort Chaffee, AR 72905-5000

Commander
McAlester AAP
SMCMC-EM
McAlester, OK 74501-5000

Commander
Pine Bluff Arsenal
ATTN: SMCPB-EMB
10020 Kabrich Circle
Pine Bluff, AR 71602-9500

Commander
Red River Army Depot
Highway 82 West, Bldg. 342
ATTN: SIORR-OL (Ron Williams)
Texarkana, TX 75507-5000

Commander
McAfee US Army Health Clinic
ATTN: HSHM-MJC-Pi, David Felix
White Sands Missle Range, NM 88002

Note: The following customer needs testing services for asbestos containing materials (ACM) ONLY.

Commander
White Sands Missle Range
Bldg 1768
ATTN: STEWS-NRS-ER (Joe Talamantes)
White Sands Miussle Range NM 88002

Environmental Chemistry Testing Contractors

Controls for Environmental Pollution (CEP) - for radiological analyses ONLY
1925 Rosina Street
Santa Fe NM 87501
Phone: 505-982-9841
Fax: 505-983-0548
POC: Ms. Kathleen Huffer

Environmental Chemical Corporation (ECC) - for general environmental analyses
3235 Omni Drive
Cincinnati OH 45245
Phone: 513-752-2950
Fax: 513-752-2261
POC: Ms. Christy Music

Environmental Testing & Consulting, Inc. (ETC) - for general environmental analyses
2924 Walnut Grove
Memphis TN 38111
Phone: 901-327-2750
Fax: 901-327-6334
POC: Dr. Richard Medina

Ionics International, Inc. - for dioxin & furan analyses ONLY
10655 Richmond, Suite 150
Houston TX 77042
Phone: 713-972-1037 / 800-434-6946
Fax: 713-784-1152
POC: Mr. Steven Missler

Intertek Testing Services (ITS) - for general environmental analyses
1089 East Collins Boulevard
Richardson TX 75081
Phone: 972-238-5591
Fax: 972-238-5592
POC: Mr. John "J.T." Todd

From: Mark Simmons at CESWF-EV-D
To: LMN01.LMNN30(BACUTAGE)
Date: 11/13/97 4:52pm
Subject: Southwest Division Laboratory - QA sample (Environmental) Analysis -Reply

George,

We would love to support your testing needs. There is no minimum dollar limit and we have three contracts with $1.5M per year per contract, so there is more than enough capacity. The attached file should answer most of your questions. If you have more please call me at (817) 978-9923 X-1630.

Mark

5 Dec 1997

ORLEANS PARISH LONDON AVE CANAL
PHASE IIA INVESTIGATION

Sediment testing at four different sites along London Ave Outfall Canal for four different contracts. Two samples at each site.

Pumping Station No. 3
Pumping Station No. 4.
Gentilly Blvd. Bridge
Leon C. Simon Bridge

New Orleans District Costs

Prepare draft Sampling Plan.		
Prepare Safety and Health Plan.		
Coordination interoffice with NOD and between NOD and St. Louis.		$ 3,000.00
Geology Section Sampling of Sediments		$ 5,000.00
	Total New Orleans Costs:	**$ 8,000.00**

St. Louis District Costs:

Environmental Technical Services:		
Review draft Safety and Health Plan.		
Review draft Sampling Plan.		
Review laboratory data.		$20,8000.00
Laboratory-Field & QC samples.		$16,000.00
Laboratory – QA Samples. (One sample each site)		$ 5,200.00
	Total St. Louis Costs	**$42,000.00**
	Total Project Costs	**$50,000.00**

Schedule:

When we receive approval from your office we will prepare draft sampling and safety and health plan. We can sample first week of January (5-9). It takes 2 weeks to perform laboratory testing. We can have information for end of January (28-30) to revise specifications.

These are the possibilities for the four construction contracts lumped together.

1. Do nothing. Contractor bids on job as industrial landfill and takes tests. Sediment is non-hazardous so material can be transported to industrial landfill. Costs to Govt. for two contracts QA testing required and for two contracts no QA testing required (as of Dec 1997). Guess $4000/contract no QA testing and $6000.00/ contract with QA testing. Costs to Govt. about $20,000.00.

2. Do nothing. Contractor bids on job as industrial landfill and takes tests. Sediment is hazardous so material must be transported to certified landfill. Contractor files claim under change of site conditions. Costs to Govt. >>>>$20,000.00 subject to negotiation.

3. We take tests and define type of material. Costs to Govt. $50,000.00. Net costs about $30,000.00 if testing is within 18 months of disposal. (There is a time limit on testing. One landfill requires testing done within 18 months of disposal.)

4. We take tests and define material. Costs to Govt is $50,000. Contractor does not dispose of materials in time to meet the testing time limit of 18 months to disposal. Contractor has to take tests. (We do not require testing in specifications. We present testing data with date. Contractor uses data for bidding purposes. If award date delayed or Contractor removes material after 18 month time limit the Contractor will have to test material. This is not a claim. Total costs to Govt. is $66,000.00.

5. We take tests and define material. Cost to Govt. is $50,000. Contractor does not dispose of materials in time to meet the testing time limit of 18 months. Contractor takes tests. Tests results indicates hazardous material while Govt. testing showed non-hazardous material. Contractor makes change of site condition claim. We take QA testing to check Contractor's test results. Total costs to Govt. is >$66,000.00.

6. We take tests and define material. Cost to Govt. is $50,000. Contractor does not dispose of materials in time to meet the testing time limit of 18 months to disposal. Contractor takes tests. Tests results indicates non-hazardous material while Govt. testing showed hazardous material. Govt. gets credit. Total costs to Govt. is $66,000.00.

OPTIONS	Costs	
(1) Do nothing.	$20,000.00	Material non-hazardous. Contractor tests.
(2) Do nothing.	>>>>$20,000.00	Material hazardous negotiate claim. Contractor tests.
(3) Do testing.	$30,000.00	Contractor does not need to take tests.
(4) Do testing.	$66,000.00	Contractor takes tests.
(5) Do testing.	>$66,000.00	Material hazardous. Contractor takes tests that do not agree with our results. Govt. pays for QA testing or agrees to pay extra costs for disposal (CLAIM).
(6) Do testing.	$66,000.00	Material non-hazardous. Contractor takes tests which do not agree with our results. Govt. gets credit.

A cost that cannot be quantified in options (1) and (2) is Contractor uncertainty. When the job is well defined there are more competitive bids. Uncertainty causes Contractors to guess which can result in highly variable bids. If the Contractor guesses wrong they will attempt to recoup their money in other items (claims).

The advantages of taking samples at four different sites are that we can use the same Sampling Plan, the same Safety and Health Plan, and St. Louis can mobilize someone to New Orleans to pick up the samples with one trip. This lowers the overhead costs.

The disadvantage is the Contractor may have to repeat the tests (small costs) because of the 18 month time limit. If all the tests show hazardous material and the Contractor testing shows non-hazardous material this is not a cost problem. The Govt. would obtain a credit. If the Govt. tests show the materials are non-hazardous but the Contractor's tests indicate the material is hazardous than the Contractor will file a claim.

Frank Vojkovich

FV JR

Mr. Vojkovich/cl/1034

CEMVN-ED-FS

24 November 1997

MEMORANDUM FOR Chief, Real Estate Division

SUBJECT: Rights-of- Entry Request for Sediment Sampling, Lake Pontchartrain and Vicinity, Hurricane Protection Plan (HLP), Fronting Protection for Pumping Stations No. 3, 4, 6 and 7, at London, 17th St, and Orleans Avenue Outfall Canals, Orleans and Jefferson Parishes

1. Reference conversations between Ms. Linda Labure of your office and Mr. Frank Vojkovich of our office. Please furnish rights-of-entry for the Orleans Avenue Outfall Canal at Pumping Station No. 7, London Avenue Outfall Canal Pumping Stations No. 3 and No. 4, and 17th St. Outfall Canal Pumping Station No. 6 to take samples of the canal bottom sediments. Enclosures 1 and 2 contain information for the location, type of equipment, procedures and necessity for performing the work.

2. POC is Frank Vojkovich, ext. 1034.

2 Encls

W. EUGENE TICKNER
Chief, Engineering Division

NAPOLITANO
CEMVN-ED-FS

BLAKE
CEMVN-ED-FG

CAVER
CEMVN-ED-F

for 26
TICKNER
CEMVN-ED

The soil sampling is necessary to determine if the material will be disposed of in an industrial landfill or in a certified landfill. The determination of landfill disposal site will result in a more accurate bid and eliminate the possibility of a "Change due to Differing Site Conditions". The current specifications require the Contractor to bid assuming the material is to be disposed of at an industrial landfill. After award of the contract the Contractor must perform testing. If the material has to be disposed of in a certified landfill a change would be made under the "Differing Site Conditions Clause".

Orleans Ave Outfall Canal Pumping Station No. 7
Right of Entry Request for Soil Sampling.

A one-half ton carry-all, 18 ft flat boat with trailer and one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Marconi Dr. Samples will be taken in the canal with a grab type sampler. The expected duration of the job is one day.

London Ave Outfall Canal Pumping Station No. 3
Right of Entry Request for Soil Sampling.

A one-half ton carry-all, 18 ft flat boat with trailer and one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Florida Ave.. Samples will be taken in the canal with a grab type sampler. The expected duration of the job is one day.

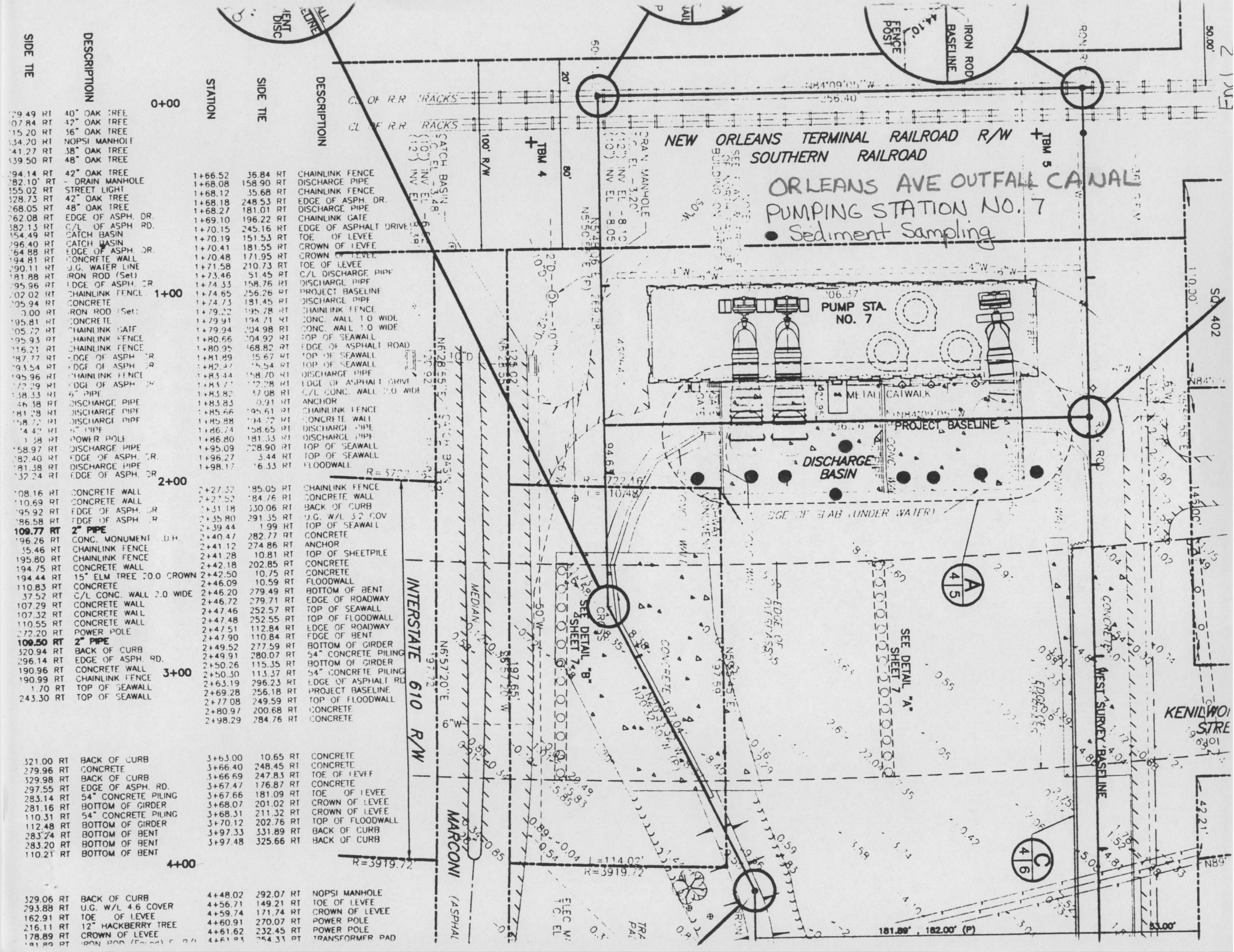
London Ave Outfall Canal Pumping Station No. 4
Right of Entry Request for Soil Sampling.

A one-half ton carry-all, 18 ft flat boat with trailer and one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Pratt Dr.. Samples will be taken in the canal with a grab type sampler. The expected duration of the job is one day.

17th St Outfall Canal Pumping Station No. 6
Right of Entry Request for Soil Sampling.

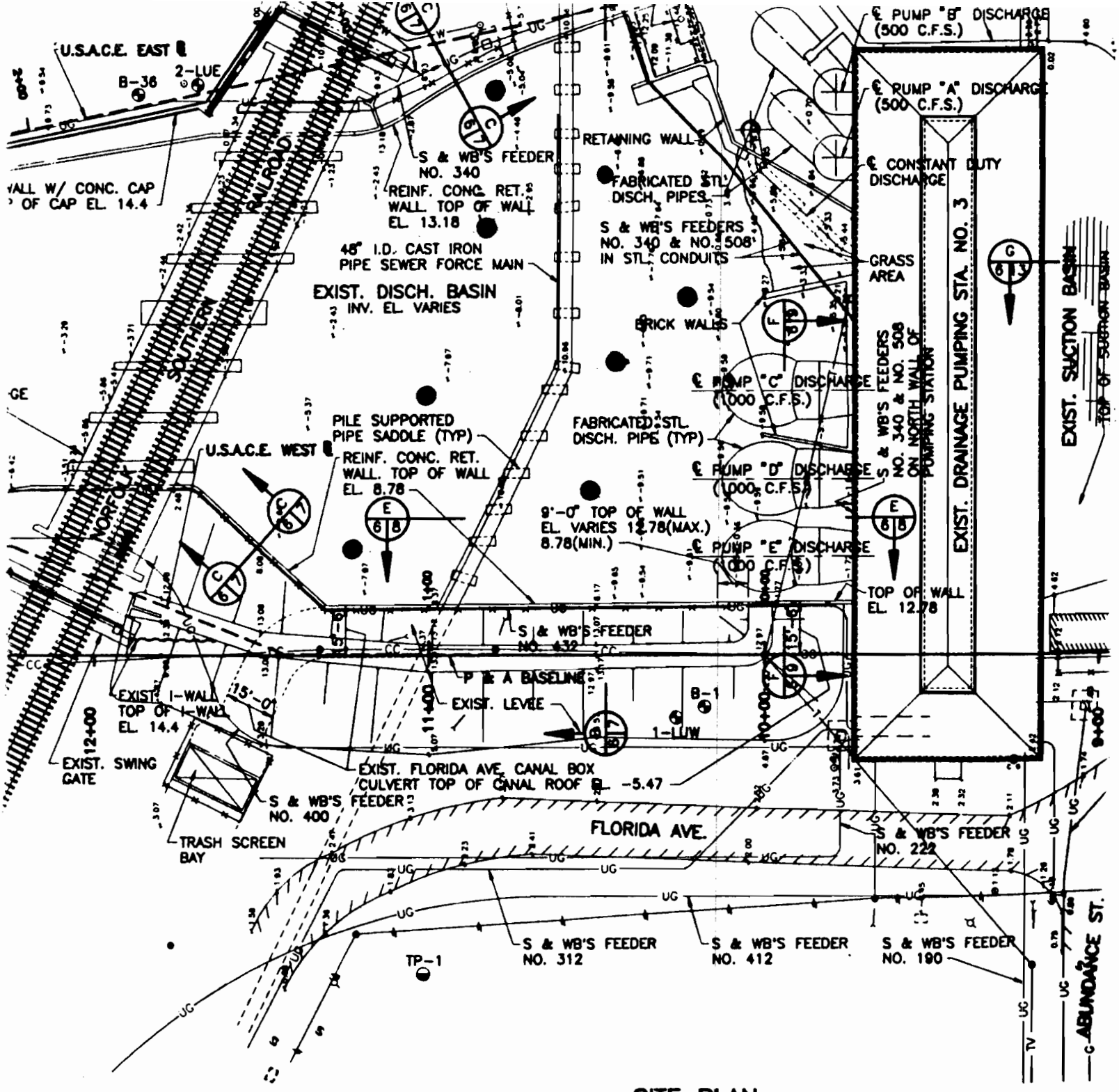
A one-half ton carry-all, 18 ft flat boat with trailer and one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Jessamine St.. Samples will be taken in the canal with a grab type sampler. The expected duration of the job is one day.

Encl 1



SIDE TIE		DESCRIPTIOIN
	0+00	
29.49	RT	40" OAK TREE
07.84	RT	42" OAK TREE
15.20	RT	36" OAK TREE
34.20	RT	NOPSI MANHOLE
41.27	RT	38" OAK TREE
39.50	RT	48" OAK TREE
94.14	RT	42" OAK TREE
82.10'	RT	- DRAIN MANHOLE
55.02	RT	STREET LIGHT
28.73	RT	42" OAK TREE
68.05	RT	48" OAK TREE
62.08	RT	EDGE OF ASPH. DR.
82.13	RT	C/L OF ASPH RD.
54.49	RT	CATCH BASIN
96.40	RT	CATCH BASIN
64.88	RT	EDGE OF ASPH. DR.
94.81	RT	CONCRETE WALL
90.11	RT	U.G. WATER LINE
81.88	RT	IRON ROD (Set)
95.96	RT	EDGE OF ASPH. DR
02.02	RT	CHAINLINK FENCE
95.94	RT	CONCRETE
0.00	RT	IRON ROD (Set)
95.81	RT	CONCRETE
05.72	RT	CHAINLINK GATE
95.93	RT	CHAINLINK FENCE
16.21	RT	CHAINLINK FENCE
87.77	RT	EDGE OF ASPH. DR
93.54	RT	EDGE OF ASPH. DR
95.96	RT	CHAINLINK FENCE
72.29	RT	EDGE OF ASPH. DR
38.33	RT	6" PIPE
46.38	RT	DISCHARGE PIPE
81.28	RT	DISCHARGE PIPE
58.72	RT	DISCHARGE PIPE
4.42	RT	6" PIPE
1.38	RT	POWER POLE
58.97	RT	DISCHARGE PIPE
82.40	RT	EDGE OF ASPH. DR.
81.38	RT	DISCHARGE PIPE
32.24	RT	EDGE OF ASPH. DR
	2+00	
08.16	RT	CONCRETE WALL
10.69	RT	CONCRETE WALL
95.92	RT	EDGE OF ASPH. DR
86.58	RT	EDGE OF ASPH. DR
109.77	**RT**	**2" PIPE**
96.26	RT	CONC. MONUMENT (D.H.
35.46	RT	CHAINLINK FENCE
95.80	RT	CHAINLINK FENCE
94.75	RT	CONCRETE WALL
94.44	RT	15" ELM TREE 20.0 CROWN
10.83	RT	CONCRETE
37.52	RT	C/L CONC. WALL 2.0 WIDE
07.29	RT	CONCRETE WALL
07.32	RT	CONCRETE WALL
10.55	RT	CONCRETE WALL
72.20	RT	POWER POLE
109.50	**RT**	**2" PIPE**
20.94	RT	BACK OF CURB
96.14	RT	EDGE OF ASPH. RD.
90.96	RT	CONCRETE WALL
90.99	RT	CHAINLINK FENCE
1.70	RT	TOP OF SEAWALL
43.30	RT	TOP OF SEAWALL
	3+00	
21.00	RT	BACK OF CURB
79.96	RT	CONCRETE
29.98	RT	BACK OF CURB
97.55	RT	EDGE OF ASPH. RD.
83.14	RT	54" CONCRETE PILING
81.16	RT	BOTTOM OF GIRDER
10.31	RT	54" CONCRETE PILING
12.48	RT	BOTTOM OF GIRDER
83.24	RT	BOTTOM OF BENT
83.20	RT	BOTTOM OF BENT
10.21	RT	BOTTOM OF BENT
	4+00	
29.06	RT	BACK OF CURB
93.88	RT	U.G. W/L 4.6 COVER
62.91	RT	TOE OF LEVEE
16.11	RT	12" HACKBERRY TREE
78.89	RT	CROWN OF LEVEE
81.89	RT	IRON ROD (Found)

STATION	SIDE TIE		DESCRIPTION
1+66.52	36.84	RT	CHAINLINK FENCE
1+68.08	158.90	RT	DISCHARGE PIPE
1+68.12	35.68	RT	CHAINLINK FENCE
1+68.18	248.53	RT	EDGE OF ASPH. DR.
1+68.27	181.01	RT	DISCHARGE PIPE
1+69.10	196.22	RT	CHAINLINK GATE
1+70.15	245.16	RT	EDGE OF ASPHALT DRIVE
1+70.19	151.53	RT	TOE OF LEVEE
1+70.41	181.55	RT	CROWN OF LEVEE
1+70.48	171.95	RT	CROWN OF LEVEE
1+71.58	210.73	RT	TOE OF LEVEE
1+73.46	51.45	RT	C/L DISCHARGE PIPE
1+74.33	158.76	RT	DISCHARGE PIPE
1+74.65	256.26	RT	PROJECT BASELINE
1+74.73	181.45	RT	DISCHARGE PIPE
1+79.22	195.78	RT	CHAINLINK FENCE
1+79.91	194.71	RT	CONC. WALL 1.0 WIDE
1+79.94	204.98	RT	CONC. WALL 1.0 WIDE
1+80.66	204.92	RT	TOP OF SEAWALL
1+80.95	168.82	RT	EDGE OF ASPHALT ROAD
1+81.89	15.67	RT	TOP OF SEAWALL
1+82.37	15.54	RT	TOP OF SEAWALL
1+83.44	158.70	RT	DISCHARGE PIPE
1+83.71	172.28	RT	EDGE OF ASPHALT DRIVE
1+83.82	47.08	RT	C/L CONC. WALL 2.0 WIDE
1+83.83	0.91	RT	ANCHOR
1+85.66	195.61	RT	CHAINLINK FENCE
1+85.88	194.72	RT	CONCRETE WALL
1+86.74	158.65	RT	DISCHARGE PIPE
1+86.80	181.33	RT	DISCHARGE PIPE
1+95.09	228.90	RT	TOP OF SEAWALL
1+96.27	3.44	RT	TOP OF SEAWALL
1+98.17	16.33	RT	FLOODWALL
2+27.32	185.05	RT	CHAINLINK FENCE
2+27.52	184.76	RT	CONCRETE WALL
2+31.18	330.06	RT	BACK OF CURB
2+35.80	291.35	RT	U.G. W/L 3.2 COV
2+39.44	1.99	RT	TOP OF SEAWALL
2+40.47	282.77	RT	CONCRETE
2+41.12	274.86	RT	ANCHOR
2+41.28	10.81	RT	TOP OF SHEETPILE
2+42.18	202.85	RT	CONCRETE
2+42.50	10.75	RT	CONCRETE
2+46.09	10.59	RT	FLOODWALL
2+46.20	279.49	RT	BOTTOM OF BENT
2+46.72	279.71	RT	EDGE OF ROADWAY
2+47.46	252.57	RT	TOP OF SEAWALL
2+47.48	252.55	RT	TOP OF FLOODWALL
2+47.51	112.84	RT	EDGE OF ROADWAY
2+47.90	110.84	RT	EDGE OF BENT
2+49.52	277.59	RT	BOTTOM OF GIRDER
2+49.91	280.07	RT	54" CONCRETE PILING
2+50.26	115.35	RT	BOTTOM OF GIRDER
2+50.30	113.37	RT	54" CONCRETE PILING
2+63.19	296.23	RT	EDGE OF ASPHALT RD
2+69.28	256.18	RT	PROJECT BASELINE
2+77.08	249.59	RT	TOP OF FLOODWALL
2+80.97	200.68	RT	CONCRETE
2+98.29	284.76	RT	CONCRETE
3+63.00	10.65	RT	CONCRETE
3+66.40	248.45	RT	CONCRETE
3+66.69	247.83	RT	TOE OF LEVEE
3+67.47	176.87	RT	CONCRETE
3+67.66	181.09	RT	TOE OF LEVEE
3+68.07	201.02	RT	CROWN OF LEVEE
3+68.31	211.32	RT	CROWN OF LEVEE
3+70.12	202.76	RT	TOP OF FLOODWALL
3+97.33	331.89	RT	BACK OF CURB
3+97.48	325.66	RT	BACK OF CURB
4+48.02	292.07	RT	NOPSI MANHOLE
4+56.71	149.21	RT	TOE OF LEVEE
4+59.74	171.74	RT	CROWN OF LEVEE
4+60.91	270.07	RT	POWER POLE
4+61.62	232.45	RT	POWER POLE
4+61.83	254.33	RT	TRANSFORMER PAD



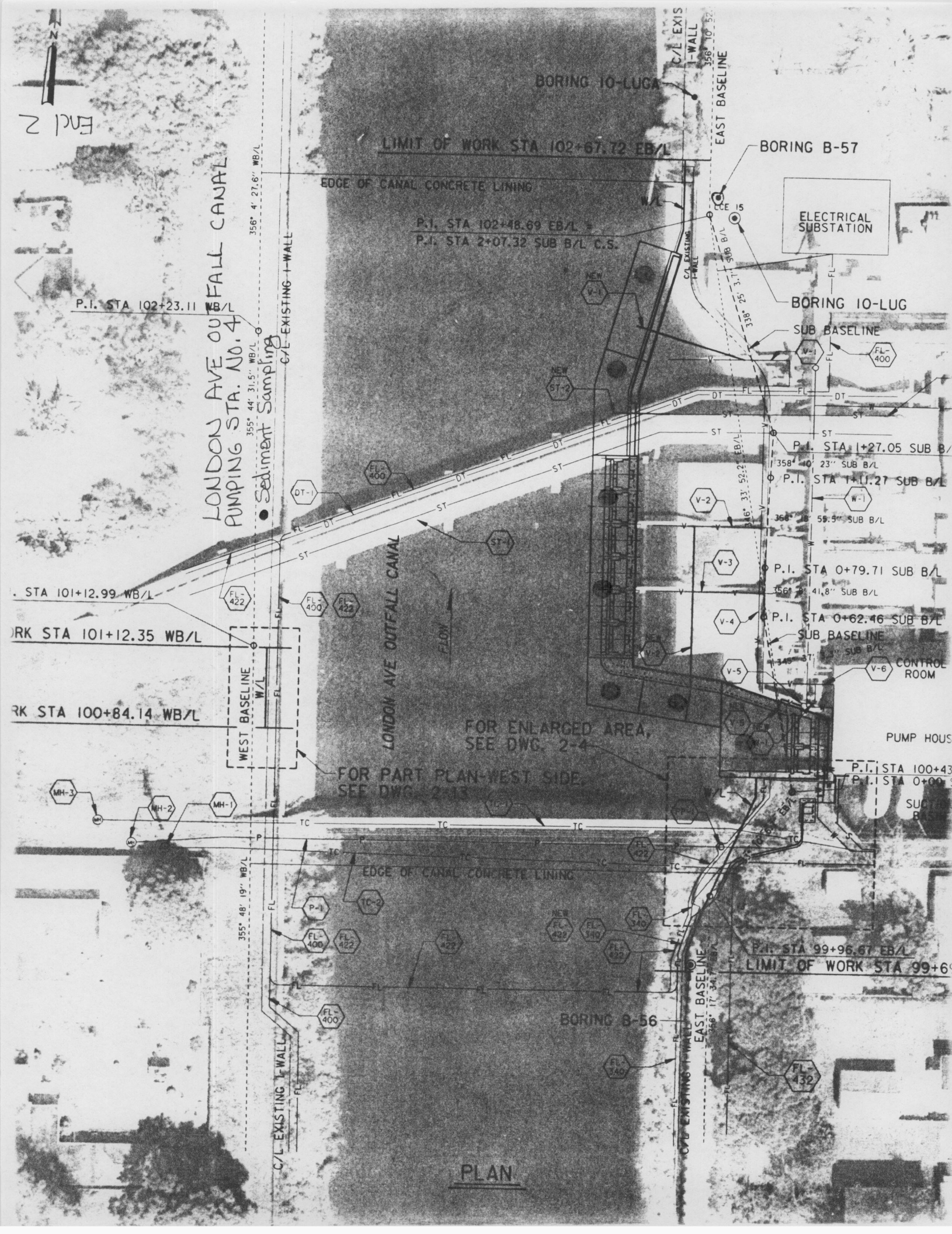
SITE PLAN

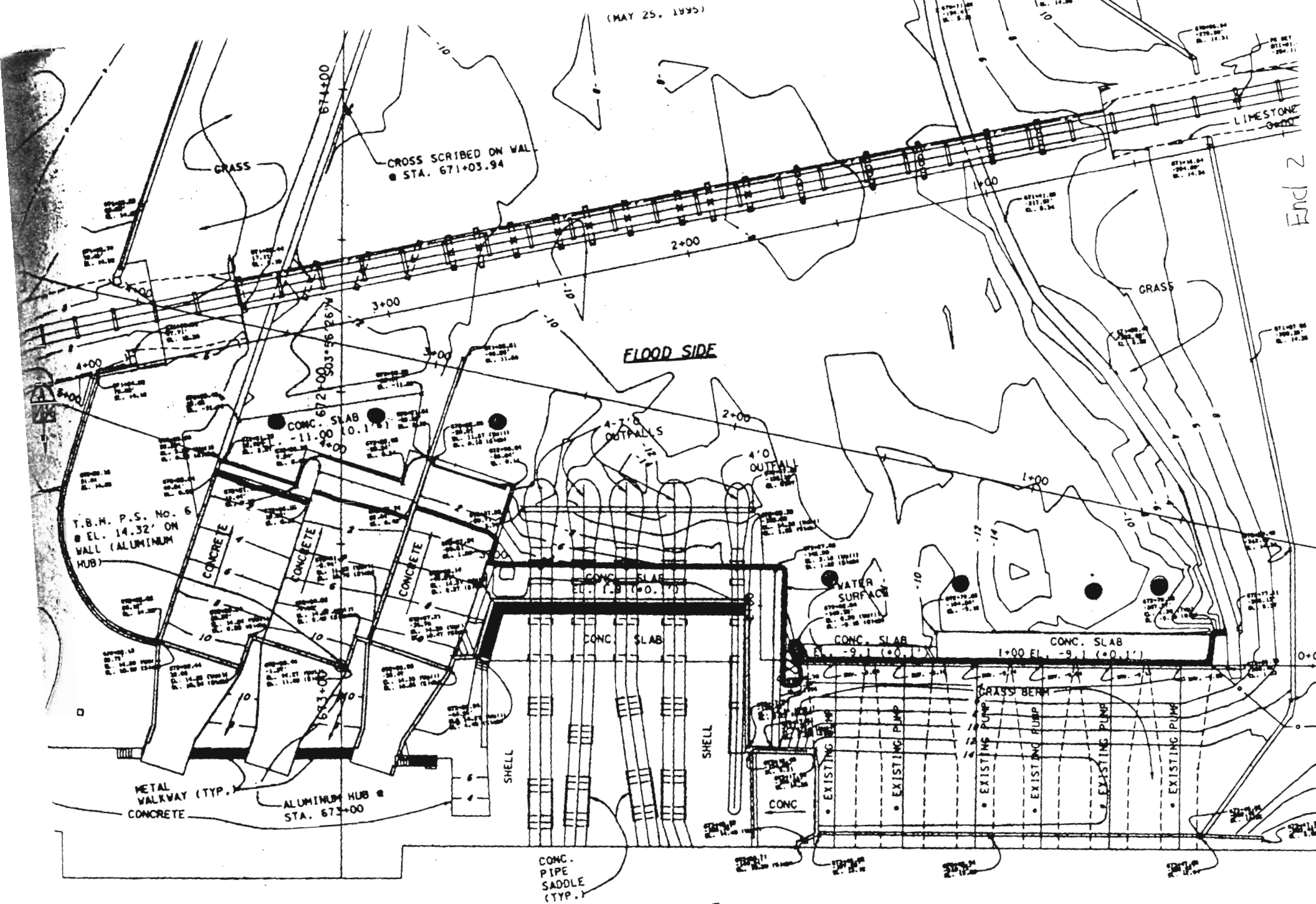
NOTE: 1. ALL ELEVATIONS REFER TO N.G.V.D.
2. 0.0 N.G.V.D.=20.43 CAIRO DATUM (C.D.)

● SEDIMENT SAMPLING

LONDON AVE OUTFALL CANAL Pumping Sta. #3

Encl 2


Encl 2
LONDON AVE OUTFALL CANAL
PUMPING STA. NO. 4
Sediment Sampling
BORING 10-LUCA
LIMIT OF WORK STA 102+67.72 EB/L
EAST BASELINE
BORING B-57
EDGE OF CANAL CONCRETE LINING
P.I. STA 102+48.69 EB/L =
P.I. STA 2+07.32 SUB B/L C.S.
ELECTRICAL SUBSTATION
BORING 10-LUG
SUB BASELINE
P.I. STA 102+23.11 WB/L
C/L EXISTING I-WALL
P.I. STA 1+27.05 SUB B/L
P.I. STA 1+11.27 SUB B/L
P.I. STA 0+79.71 SUB B/L
P.I. STA 0+62.46 SUB B/L
CONTROL ROOM
STA 101+12.99 WB/L
RK STA 101+12.35 WB/L
RK STA 100+84.14 WB/L
WEST BASELINE
LONDON AVE OUTFALL CANAL
FLOW
FOR ENLARGED AREA, SEE DWG. 2-4
FOR PART PLAN-WEST SIDE, SEE DWG. 2-13
PUMP HOUS
P.I. STA 100+43
EDGE OF CANAL CONCRETE LINING
P.I. STA 99+96.67 EB/L
LIMIT OF WORK STA 99+6
BORING B-56
C/L EXISTING I-WALL
PLAN



NOTE:
1. COE BASELINE LOCATED ON GROUND WITHIN 0.5'● ONLY. ● = ACCURACY.
2. EXISTING POWERLINES SHALL NOT BE DISTURBED.

17th St Outfall Canal
Pumping Sta. No. 6
● Sediment Sampling

Encl 2

From: Mohan S Desai
To: LMNN10.VOJKOVIC
Date: 11/5/97 2:36pm
Subject: Drainage Pumping Station #7, Fronting Protection, LPHPP.

Frank:

Reference is made to para a. of your memo. dated 30 Oct 1997, in which you stated in-house capability for taking and testing the sediments sample from the canal bottom.

We recommend you initiate the process for taking and testing the soil samples from areas in the vicinity of the proposed fronting structure.

Thanks

Mohan

CC: LMNN10.NAPOLITA, GUGGENHE, GUIZERIX, ROMEROJO

From: Elizabeth Cottone
To: LMNN10(VOJKOVIC)
Date: 11/13/97 3:43pm
Subject: Testing of sediments for Orleans Ave Outfall Canal Pumping Sta No. 7 -Reply

Frank, sorry, I'm having a bad brain day. I lost you toward the end...

I agree with your suggestion that we probably should test material prior to advertising a contract, rather than dealing with it as a possible differing site condition, which pretty much puts us over a barrel.

Are you suggesting that we test both sites? Are you saying that we would have the A/E's do the testing? What would be St. Louis' involvement (I know they are the center of expertise on this, but what exactly would they do?) Are we taking the samples? With in-house labor or contractor? Why aren't we using an on-board lab to do the testing? What kind of total cost, per P.S. are we looking at?

Please discuss this further with Stan. Sounds like a good proposal, just need a little more detail....

Thanks, Beth

>>> Frank J Vojkovich 11/13/97 02:28pm >>>
The AE designer on fronting protection for Pumping Station No. 7 has recommended that material in the canal excavated during the construction of the fronting protection be investigated now. We also recommend that it is better to determine if the sediments are characteristically hazardous. Hazardous materials require a certified landfill versus the cheaper industrial landfill for non-hazardous materials..

P&S on Pumping Station No. 3, London Ave Outfall Canal (done by another AE) requires the Contractor to determine if the material is hazardous. (The Contractor is required to bid the job assuming the material is not hazardous.) If after testing the material is deemed hazardous the Contractor is told to file a claim under differing site conditions. The P&S also requires quality assurance testing by the government.

Testing now will allow the contractor to bid on the type of material. It will eliminate the need for Contractor testing requirements in the P&S. It eliminates quality assurance testing by the Govt.. It reduces the possibility of a differing site condition claim.

I am awaiting an estimate on costs from St. Louis District for transporting the samples to the AE Contractor and for completing the Quality control Plan and Safety plan. The costs for sampling and testing are approximately $12,500.00.

If you approve we will proceed with obtaining right of entry to perform the work.

CC: LMN01.X400(Stanley_Green_CEMP-CE),

From: Frank J Vojkovich
To: LMNC30.GREENSTA
Date: 11/18/97 12:50pm
Subject: Testing Sediments Orleans Ave Outfall Canal P.S. #7.

Yes I recommend testing sediments at both Orleans Ave Pumping Station No. 7 and London Ave Pumping Station No. 3. The Plans & Specs for London Ave Pumping Sta. No. 3 are being prepared by Pepper and Associates for the OLB. London Ave is at the 100% submittal review. Orleans Ave is being done by our AE and is at 35% P&S stage.

Our in-house people will sample the material but St. Louis will transport and have the samples tested by their AE. We will prepare a sampling plan and Health and Safety Plan which St. Louis will evaluate. The results of the testing will be evaluated by St. Louis.

I have been told the following:
At this time Engr Div has authority to spend $2,500 maximum on laboratory testing on a VISA card. The laboratory we have a contract with is no longer certified. The contract with this laboratory expires on 31 Dec and their are no plans to extend or renew contract.
We have been instructed by chain of command to go through St. Louis District and their is an ER requiring that we go through St. Louis.

I am awaiting St. Louis District's costs(tansportation ,evaluation, per diem, air plane tickets) before I can give precise breakdown. I estimate $750 cost per sample for AE laboratory testing based on information from St. Louis on lab tests.

FYI:
Pumping Station No. 4 on London Ave is on the shelf. It also calls for Contractor testing. I did not mention it because I did not know status. We could do all three Pumping stations in less than 3 days of sampling. Loboratory testing would take 14 days. I do not know amount of time for evaluation after testing or to input into P&S.

CC: LMNC30.COTTONEE, RICHARDS, CAVERBIL

Sampling Plan & Safety Plan
Bill
Evaluating Data
Ron Eriksen 14 days
Location
Bill
Sampling Bottles
Silicon material
Ted Postal

Orleans Parish Canal
Flood Control Project
Phase IIA Investigation

The St. Louis District will provide the following services in support of the HTRW investigation.

$5000

1. Review draft SAP/SSHP and revise as required. (1)
2. Provide Contractor employee on-site during sample collection. (2)
3. Provide sample containers, preservatives and shipping containers. (2)
4. Provide necessary equipment to decontaminate NOD sampling equipment. (2)
5. Assist NOD in decontamination of sampling equipment. (2)
6. Screen for volatile organics with a portable photoionization meter with documentation of results on sample chain-of-custody. (2)
7. Package and ship samples, etc. to the prime laboratory, ARDL and the QA laboratory, Quanterra. (2)

$5,000

8. Review laboratory data. (1)

$10,000

9. Prepare a final report that provides applicable disposal options for the materials to be excavated. (1)

The costs of services stated above are as follows:

1.	Environmental Technical Services	$ 20.0 K
2.	Laboratory-Field & QC Samples	$ 20.8 K
3.	Laboratory - QA Samples	$ 1.3 K
	Total	$ 42.1 K

Less samples – more sites

One canal

4 different sites 2 bridges
2 Pumping Stations

2 samples at each site

~~Forget Report with options only characterize the samples as hazardous~~

Forget report → we can have ~~Reuben~~ George Bacuta characterize as hazardous or non-hazardous

Forget report #9 → just have St. ~~Gha~~ characterize samples – no options

Forget review laboratory data → we will review in-house or we will provide information only in PtS for Contractor.

FACSIMILE HEADER SHEET

US Army Corps of Engineers

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
1222 SPRUCE STREET
ST. LOUIS, MISSOURI 63103-2833

DELIVER TO	FROM
Fax No. 504-862-1850	Fax No. 314-263-4713
Name Frank Vojkovich	Name Ted Postol
Office Symbol CEMVN-ED-FS	Office Symbol CEMVS-ED-HQ
Telephone No.	Telephone No. 314-263-4008

Date	No. of Pages (Including header sheet)	Precedence (P or R)	If you do not receive all pages, please telephone:
11/24/97	2		

REMARKS:

Chad Theriot
Major Account Executive

2500 Highway 108 South · P.O. Box 1249 (70664) · Sulphur, LA 70663
Phone 318-882-1477 · Fax 318-882-0556 · Pager 318-430-6494

FAX TRANSMISSION

DATE: 3/5/97

TO: Shawn

FROM: Chad

FAX NUMBER: 504-862-1585

NUMBER OF PAGES (including cover): 4

NOTES/COMMENTS: Call w/Questions

Thanks!

INDEX

SECTION 02081 - REMOVAL AND DISPOSAL OF MATERIAL

SECTION 02081 - REMOVAL AND DISPOSAL OF MATERIAL

PART 1 - GENERAL

1. SCOPE. The work specified in this section includes the removal and disposal of material that covers the existing canal concrete lining in accordance with the requirements specified herein. The work also includes sampling and analysis of the material to ensure disposal in an industrial landfill. The material to be removed from the above the existing canal concrete lining includes sands, silts, clays, shell, and riprap. Logs, stumps and other obstructions may also be present.

2. QUALITY CONTROL.

2.1 General. The Contractor shall establish and maintain quality control for operations under this section to assure compliance with contract requirements and maintain records of his quality control for materials, equipment and sampling and disposal operations.

2.2 Reporting. The original and two copies of these records, as well as the records of corrective action taken, shall be furnished the Government daily. Format of this report shall be as prescribed in Section 01440, "CONTRACTOR QUALITY CONTROL".

3. APPLICABLE PUBLICATIONS. The publications listed below form a part of this specification to the extent specified herein. The publications are referred to in the text by the basic designation only.

3.1 Environmental Protection Agency (EPA) Standards.

EPA/SW-846, 3d Ed Revised June 1990	Test Methods for Evaluating Solid Waste Physical/Chemical Methods

3.2 State of Louisiana Regulations.

Louisiana Administrative Code (LAC), Title 33, Environmental Quality, Part V, Hazardous Waste Regulations (January 1996)

Louisiana Administrative Code (LAC), Title 33, Environmental Quality, Part VII, Solid Waste Regulations (April 1996)

3.3 Engineering Manual.

EM 200-1-1 (July 1, 1994)	Validation of Analytical Chemical Laboratories

4. SUBMITTALS.

4.1 Removal, Sampling and Disposal Plan. The Contractor shall prepare a plan for removal, sampling and analysis activities, transportation and disposal of the material above the existing canal concrete lining. This plan shall be included as part of the 02220-4.1. The Contractor shall include in the plan the name, address, and telephone number of the Corps validated HTRW laboratory he intends to use for sampling and analysis operations. The plan shall list any other sampling methods not specified in this section that may be required by the landfill for waste profiling. The plan shall also include the name, address and telephone number of the State approved Industrial Landfill which he intends to use for disposal of the material.

4.2 Sampling and Analytical Results. The Contractor shall submit the analytical results to the Contracting Officer immediately upon receipt from the laboratory.

4.3 Verification of Proper Disposal of Materials. The Contractor shall supply the Contracting Officer written verification that the materials above the existing concrete canal lining have been disposed of in a State approved industrial landfill within five (5) days of the date of disposal. This written verification shall be signed by a representative of the industrial landfill.

4.4 Manifests. If the material is manifested for disposal, the Contractor shall submit a copy to the Contracting Officer along with the written verification specified in paragraph 4.3.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

5. SAMPLING AND ANALYSIS. Prior to transportation and disposal of the material above the existing concrete canal lining, the Contractor shall take one (1) composite sample of the material in accordance with this section for each of the parameters listed below, or for any other parameters required by the landfill. The composite sample shall comprise of eight (8) discrete samples taken throughout the material in a manner that would fully represent the material. The sampling effort will determine if the material is characteristically a hazardous waste prior to transportation to the disposal site. The Contractor shall use a Corps validated HTRW laboratory to conduct all sampling and analysis activities. If the Contractor chooses to utilize a HTRW laboratory that is not currently validated for the analytical parameters listed below, he may request validation by following the requirements of EM 200-1-1 (1 Jul 94). The validation process may take up to twelve (12) weeks. The analytical laboratory the Contractor intends to utilize must be approved by the Contracting Officer before any sampling and analysis activities begin.

shall not transport the material off-site unless approved and directed to do so by the Contracting Officer.

5.4 Quality Assurance (QA) Samples. The Contractor shall collect a QA sample in the same manner as specified in paragraph 5. The QA sample shall be sent to a USACE QA laboratory via overnight delivery. This QA sample will be analyzed to evaluate the Contractor laboratory's performance. The Contractor shall coordinate with the QA laboratory not less than five (5) working days before sampling to assure that the QA laboratory is alerted to receive the QA sample and process it within the time limits specified by applicable EPA regulations and guidelines. The QA laboratory is as follows:

Southwestern Division (SWD)
4815 Cass Street
Dallas, TX 75235

6. SAFETY. The Contractor shall conform to the requirements as specified in paragraph 3 of Section 01100 entitled "SAFETY PROVISIONS".

7. TRANSPORTATION AND DISPOSAL REQUIREMENTS. The Contractor shall provide all services necessary for the disposal of the material. These services shall include all necessary personnel, labor, transportation, packaging, detailed analyses (manifesting or completing waste profile sheets), equipment, and reports. The Contractor shall also pre-treat the material as necessary for transportation or required by the industrial landfill. The Contractor shall obtain a Certificate of Waste Disposal or other form of written verification from the landfill to prove that the final disposal of the material has been accomplished. The certificate of written verification shall be submitted to the Contracting Officer's Representative as specified in paragraph 4.3. The Contractor shall comply with state and local requirements for transportation of the material, including obtaining any required permits, licenses, and approvals. The Contractor shall show evidence that the disposal facility meets all state and federal requirements.

8. SPILL RESPONSIBILITY. The Contractor shall be solely responsible for any and all spills or leaks and associated costs during the performance of this contract which occur as a result of or are contributed to by the actions of its employees or subcontractors. The Contractor shall cleanup such spills or leaks to the satisfaction of the Contracting Officer's Representative and regulators in a manner that complies with applicable federal, state, and local laws and regulations.

9. MEASUREMENT AND PAYMENT. No measurement will be made for removal, disposal, sampling, and analysis of the material covering the existing concrete canal lining. Payment for removal and disposal of the material covering the existing concrete canal lining; and sampling and analysis activities, will be made at the contract lump sum price for "Removal and Disposal of Material". Price and payment shall constitute full compensation for furnishing all plant, labor, material, laboratory services,

collection/packaging/shipping of QA samples to the SWD laboratory, pre-treatment of materials prior to transportation and disposal, and all operations and equipment necessary for performance and completion of the work in this section.

TCLIP — 18 months

① Samples – Keep at 10 but 3 different sites at 2 different canals?

Pump Sta #3, #4 and Gentilly Bridge Leon C. Simon
2 samples 2 samples 2 samples 2 samples

Hold Orleans

Plans only require 1 composite sample
Toxicity Characteristic Leach Procedure

5.1 Analytical Tests Required. Sampling techniques, analytical techniques, apparatus used, and sample collection, handling and preservation techniques shall be in strict accordance with EPA SW-846 methods for each sampling protocol listed below. The analytical tests to be conducted shall consist of the following:

Eight (8) RCRA Metals:	
Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver	EPA Solid Waste 846 Method 6010
Mercury	EPA Solid Waste 846 Method 7471
Halogenated Volatile Organics	EPA Solid Waste 846 Method 8010
Total Petroleum Hydrocarbons (TPH) (Modified Method 8015)	Modified California Department of Health Services Method
PCBs/Pesticides	EPA Solid Waste 846 Method 8080
Semi-Volatile Organics	EPA Solid Waste 846 Method 8250

5.2 Sample Chain of Custody and Transportation. All sampling, labeling, transportation, and chain of custody procedures shall follow the EPA protocols established by the validated laboratory chosen by the Contractor.

5.3 Data Report. The Contractor shall provide to the Contracting Officer and the landfill, the sampling results he receives from the laboratory immediately upon receipt. The Government will review the results to determine if the material exhibits characteristics of a hazardous waste. The material is characteristically a hazardous waste if it exceeds the regulatory limits shown in Section 4903, Chapter 49 of LAC, Title 33, Environmental Quality, Part V, Hazardous Waste Regulations. If the material does not exhibit any of the hazardous characteristics and the landfill approves disposal, it shall be disposed of in the industrial landfill. If the material is determined to be characteristically hazardous and is not accepted by the landfill, the Contractor shall dispose of the material at a certified temporary storage and disposal facility (TSD). For bidding purposes, the Contractor shall assume the material does not exhibit any hazardous characteristics and will be disposed of in an approved industrial landfill. If the material is determined to be a characteristically hazardous waste, an equitable adjustment in contract price will be made under the Contract Clause entitled "Differing Site Conditions". The Contractor

GENERATOR PROCESS KNOWLEDGE LETTER

Generator Name:	WCD#

PLEASE INDICATE BY PROCESS KNOWLEDGE THE ANALYSIS THAT IS NOT REQUIRED. (TCLP - Toxicity Characteristic Leaching Procedure)

☐ RCI	☐ Reactivity, ☐ Corrosivity, ☐ Ignitability.
☐ TCLP Metals	☐ Arsenic, ☐ Barium, ☐ Cadmium, ☐ Chromium, ☐ Lead, ☐ Mercury, ☐ Selenium, ☐ Silver.
☒ TCLP Semivolatiles	☐ o-Cresol, ☐ m-Cresol, ☐ p-Cresol, ☐ Cresol (total), ☐ 2,4-Dinitrotoluene, ☐ Pyridine, ☐ Hexachlorobenzene, ☐ Hexachloroethane, ☐ Hexachlorbutadiene, ☐ Nitrobenzene, ☐ Pentachlorophenol, ☐ 2,4,5-Trichlorophenol, ☐ 2,4,6-Trichlorophenol.
☐ TCLP Volatiles	☐ Benzene, ☒ Carbon Tetrachloride, ☒ Chlorobenzene, ☒ Chloroform, ☒ Methyl Ethyl Ketone, ☒ 1,4-Dichlorobenzene, ☒ 1,2-Dichloroethane, ☒ 1,1-Dichloroethylene, ☒ Trichloroethylene, ☒ Tetrachloroethylene, ☒ Vinyl Chloride.
☒ TCLP Herbicides and Pesticides	☐ 2,4-D, ☐ 2,4,5-TP (Silvex), ☐ Chlordane, ☐ Endrin, ☐ Heptachlor, ☐ Heptachlor Epoxide, ☐ Lindane, ☐ Methoxychlor, ☐ Toxaphene.

PLEASE DESCRIBE IN DETAIL THE PROCESS GENERATING THE WASTE: Current area owned by Mr. Homer Mesh on Main St. between Avenue H and Avenue J is believed to be a former refueling station for base vehicles. Former waste oil storage tank behind existing white bldg. should have been used for storage of oil used by motor vehicles. Soil at of tanks sampled in 6/21/94 and tested for RCRA Metals, TPH, Aldrin (in 1995 VOLATILES (8240), SEMIVOLATILES (8270) yield hi Pb, BTEX and non-detects or low levels for other parameter. Analysis of excavation zone soil yield hi B,T,G and hi TPH but non-detects for TCLP metals.

I certify that the above information is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of composition or properties exists, that all known or suspect hazards have been disclosed, that the waste is not designated a Hazardous Waste as defined by the USEPA per 40 CFR 261.3 or contains PCBs regulated by TSCA 40 CFR 761.

Print Name:	Signature:	Date:
Print Name:	Signature:	Date:

I certify that I understand the definition of an industrial waste per LAC 33.VII.115 and believe that this waste is not an industrial process waste and does not require an industrial waste code number as required for industrial waste streams per LAC 33.VII.701.B. (Write N/A if the waste stream is an industrial waste.)

Print Name:	Signature:	Date:
Print Name:	Signature:	Date:

THIS SECTION FOR INDUSTRIAL WASTE UPDATES ONLY

Date of most current ☐ TCLP analysis or ☐ process knowledge submitted to BFI is _____.	I certify that I understand the requirements of LAC 33.VII.711.D.3.d for waste testing and annual update requirements for industrial waste and that this waste stream must updated annually on _____ according to the most current ☐ TCLP analysis or ☐ process knowledge on file with the disposer (BFI).	
Print Name:	Signature:	Date:
Print Name:	Signature:	Date:

BROWNING-FERRIS INDUSTRIES

WCD NO. AZ

____ / ____ / ____ / ____

BFI WASTE CODE

WASTE APPROVAL REQUEST

BFI to complete this area.

BFI Initiator: _____

Location: _____

Company Number: _____

Telephone: ( ) _____

Fax: ( ) _____

Date: _____

Action Requested: ☐ New Waste Approval

☐ Up-Date Approval - Previous Number: _____

Disposal Site Requested: _____

Company Number: _____

Management Method Requested: ☐ Landfill ☐ Hauling

☐ Other: _____

WASTE CHARACTERIZATION DATA
SPECIAL WASTE

IMPORTANT: INFORMATION FOR PHYSICAL COMPLETION OF THIS FORM MUST BE OBTAINED FROM AN AUTHORIZED REPRESENTATIVE OF THE WASTE GENERATOR. PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS FORM. THIS FORM IS TO BE USED ONLY ONE TIME, AND MUST BE TYPEWRITTEN OR LEGIBLY PRINTED IN INK, AND SIGNED.

1. GENERATOR INFORMATION

a) Generator's Name: _____

b) Generating Facility's Address: _____

City: _____ State: ___ Zip: _____

c) Generator's Representative: _____

Title: _____

Telephone: ( ) _____

Fax: ( ) _____

d) Emergency/Information Contact: _____

Title: _____

Telephone: ( ) _____

e) State/Provincial/Local Registration No.: _____

Generator's EPA Id. No.: _____

Industry Description/SIC Code: _____

Billing Information

f) Customer's Name: _____

g) Customer's Mailing Address:

City: _____ State: ___ Zip: _____

h) Billing Contact: _____

Telephone: ( ) _____

Fax: ( ) _____

2. GENERAL WASTE STREAM INFORMATION

a) Name/Description of the Waste: _____

b) Process Generating the Waste: _____

c) Is this waste a characteristically hazardous waste as per 40 CFR 261.21-24? ☐ Yes ☐ No ☐ N/D

d) Is this waste an F,K,P, or U listed hazardous waste as per 40 CFR 261.32-33? ☐ Yes ☐ No ☐ N/D

e) Is this waste a treatment residue of a waste which was previously a characteristically hazardous waste? ☐ Yes ☐ No ☐ N/D

If yes, describe the waste, applicable code(s), and the process generating the waste prior to treatment. _____

f) Is this a "Hazardous Waste" as defined by State, Provincial, or Local Regulations? ☐ Yes ☐ No ☐ N/D

If yes, enter the Waste Identification Number if one has been assigned: _____

g) Recommended personal protection equipment and special handling procedures: _____

/ / /
BFI WASTE CODE

3. WASTE PROPERTIES AT 72°F

a) Physical State: ☐ Solid ☐ Semi-solid ☐ Powder ☐ Free Liquid ☐ Combination

b) Reactivity: ☐ Water Reactive ☐ Acid Reactive ☐ Alkaline Reactive ☐ Oxidizer ☐ Autopolymerizable
☐ Pyrophoric ☐ Explosive ☐ Thermally Sensitive ☐ Shock Sensitive ☐ None of the above

c) Flash Point, °F:
☐ ≤ 72 ☐ 73-100 ☐ 101-140 ☐ 141-200 ☐ ≥ 201 ☐ N/A ☐ N/D

d) pH:
☐ ≤ 2 ☐ 2.1 - 5.0 ☐ 5.1 - 9.0 ☐ 9.1 - 12.4 ☐ ≥12.5 ☐ N/A ☐ N/D

e) Odor - describe _____
☐ None ☐ Mild ☐ Strong

4. WASTE COMPOSITION

Please provide a breakdown of the waste stream based upon generator knowledge of the waste and the process(s) generating the waste stream.

Does this waste contain any of the following:	Components/Contaminants	Range (%)
☐ Free Cyanide		
☐ Free Sulfide		
☐ Organic Solvents		
☐ OSHA Substances		
☐ Radioactive Materials		
☐ Virgin Oils		
☐ Used Oils		
☐ Etiological Agents		
☐ PCB'S not regulated by TSCA 40 CFR 761		
☐ None of the Above		
If any of the above are marked, please specify in waste breakdown at right		

5. TRANSPORTATION INFORMATION

If the waste is a DOT Hazardous Material, complete the following:

Proper USDOT Shipping Name: _____

USDOT Hazard Class: _____ UN or NA Number: _____ CERCLA Reportable Quantity: _____

6. GENERATOR'S CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of composition or properties exist, that all known or suspected hazards have been disclosed, analytical results submitted are accurate and representative of the waste (per SW846), and that the waste is not a regulated hazardous waste by the USEPA, by an applicable State or Provincial authority, or by any applicable local authority, and does not contain PCBs regulated by TSCA (i.e., 40 CFR 761) or any Provincial authority.

GENERATOR'S AUTHORIZED SIGNATORY:

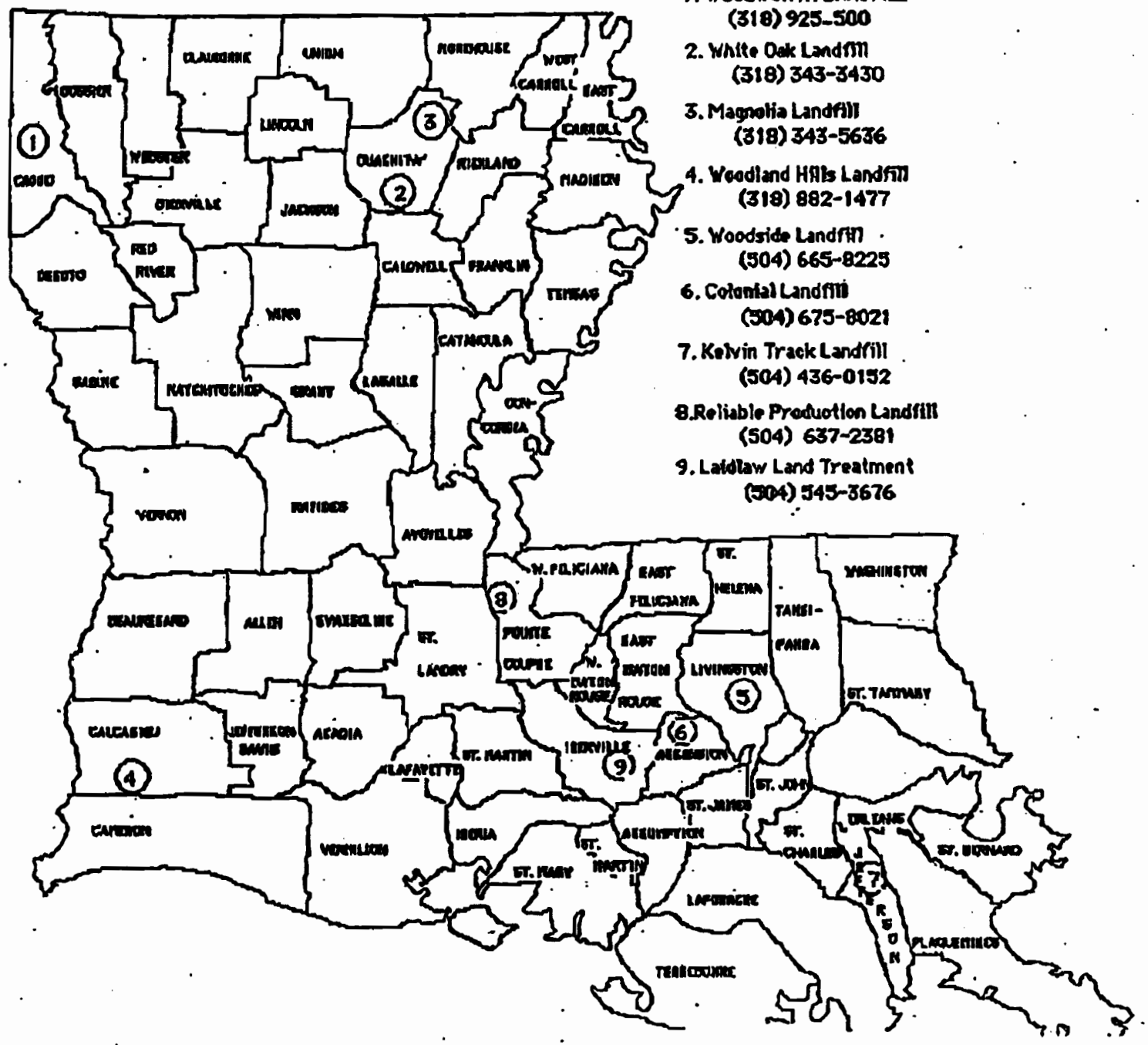
DATE: _____

PRINT NAME: _____ SIGNATURE: _____ TITLE: _____

TELEPHONE: ( ) _____ FAX: ( ) _____

314 - 331 - 8336
TED Dostal

COMMERCIAL DISPOSAL FACILITIES PERMITTED TO RECEIVE INDUSTRIAL SOLID WASTE



1. WOOLWORTH LANDFILL
   (318) 925-500
2. White Oak Landfill
   (318) 343-3430
3. Magnolia Landfill
   (318) 343-5636
4. Woodland Hills Landfill
   (318) 882-1477
5. Woodside Landfill
   (504) 665-8225
6. Colonial Landfill
   (504) 675-8021
7. Kelvin Track Landfill
   (504) 436-0152
8. Reliable Production Landfill
   (504) 637-2381
9. Laidlaw Land Treatment
   (504) 545-3676

DEFINITIONS

I = INDUSTRIAL LANDFILL	MI = MUNICIAPL AND INDUSTRIAL LANDFILL	OPR = OPETATOR
FA = FRIABLE ASBESTOS	M\A = MAILING ADDRESS	P = PERMIT NO.
FAC = FACILITY NO.	P\H = PERMIT HOLDER	P J = POLICE JURY
P\I = PERMIT ISSUED	P\E = PERMIT EXPIRES	
OC = ORDER TO CLOSE	* MUNICIPAL AND COMMERCIAL ARE ONE AND THE SAME	

1. WOOLWORTH ROAD LANDFILL
(MI-FA WASTE)

M\A	P. O. BOX 31109 SHREVEPORT, LA 71130 (318) 226-6306 CADDO PARISH
P\H	CITY OF SHREVEPOPRT
OPR	BROWNING FERRIS
P	P-0120
P\I	10\10\86
P\E	10\10\96

2. WHITE OAK LANDFILL
(MI-FA WASTE)

M\A	P. O. BOX 4067 MONROE, LA 71210 (318) 343-3430 OUACHITA PARISH
P\H	BROWNING-FERRIS
OPR	BROWNING-FERRIS
FAC	D-073-1856
P\I	10\21\85
P\E	10\21\95

3. MAGNOLIA LANDFILL
(MI-FA WASTE)

M\A	P. O. BOX 13467 MONROE, LA 71210 (318) 343-5636 OUACHITA PARISH
P\H	AMERICAN WASTE
OPR	AMERICAM WASTE
FAC	D-073-1848
P	P-0048
P\I	7\24\85
P\E	7-24-96

4. WOOLLAND HILLS LANDFILL
(MI-FA WASTE)

M\A	P. O. BOX 1249 SULPHUR, LA 70664 (318) 882-1477 CALCASIEU PARISH
P\H	BROWNING-FERRIS
OPR	BROWNING-FERRIS
FAC	TD-019-0013
OC	OC-0132
OC\I	12\13\90
OC\E	6\25\92

5. WOODSIDE LANDFILL
(MI-FA WASTE)

M\A	29340 WOODSIDE DRIVE WALKER, LA 70785 (504) 665-8225 LIVINGSTON PARISH
P\H	LIVINGSTON PARISH P J
OPR	WASTE MANAGEMENT
FAC	D-063-1941
P	P-0080
P\I	4\2\86
P\E	4\2\96

6. COLONIAL LANDFILL
(MI-FA WASTE)

M\A	P. O. BOX 605 SORRENTO, LA 70778 (504) 675-8021 ASCENSION PARISH
P\H	BROWNING-FERRIS
OPR	BROWNING-FERRIS
FAC	TD-005-0532
P	P-0021
P\I	6\10\83
P\E	12\30\2007

7. KELVIN TRACK LANDFILL
(MI-FA WASTE)

M\A	5800 HWY. 90 WEST
	AVONDALE, LA 70094
	(504) 436-0152
	JEFFERSON PARISH
P\H	JEFF. PARISH COUNCIL
OPR	AMERICAN WASTE
	1221 ELMWOOD PARK
	HARAHAN, LA 70123
FAC	D-051-0090
P	P-0006
P\I	2\25\82
P\E	5\23\98

8. RELIABLE LANDFILL
(MI-FA WASTE)

M\A	P. O. BOX 176
	LIVONIA, LA 70775
	(504) 637-2381
	POINTE COUPEE PARISH
P\H	SPECIALITY WASTE MANAG.
OPR	SPECIALTY WASTE MANAG.
FAC	D-077-1314
P	P-0032
P\I	8\27\84
P\E	9\1\94

9. LAIDLAW LAND TREATMENT
(I WASTE)

M\A	P. O. BOX 338
	WHITE CASTLE, LA 70788
	(504) 545-3676
	IBERVILLE PARISH
P\H	LAIDLAW LAND TREATMENT
OPR	LAIDLAW LAND TREATMENT
FAC	TD-047-1410
P	P-0059
P\I	12\20\85
P\E	12\20\95

LIST OF COMPANIES WITH EMPLOYEES CERTIFIED BY THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
(Revised January 26, 1996)

I - Installation R - Repair C - Closure
Number of Persons Currently Certified - 312

*The certificates for these persons expire 12/31/96, all others expire 12/31/97.

A & S Environmental Specialists - (601) 372-7471
3743 Kimbell Road
Terry, MS 39170
*Billy R. Sullivan C-0382

ARB, Incorporated - (504) 839-4753
P. O. Box 625
Franklinton, LA 70438
James R. Morgan, Jr. IRC-0216

ATS-Omega - (713) 863-0000
3355 West 11th Street
Houston, TX 77008
*Derek Feenstra IRC-0468

Acadian Environmental, Inc. - (318) 457-1492
Post Office Box 1126
Eunice, LA 70735
Andre' Aucoin C-0009
*Blufford Cart C-0348
*Leroy Frugo C-0352

Acadiana Constructors - (504) 261-9365
18013 Magnolia Bend
Greenwell Springs, LA 70739
*Jeffrey Couvillion C-0467

Acadiana Oil & Supply, Inc. - (318) 942-4552
P. O. Box 807
Opelousas, LA 70571
*James Pitre C-0388

Alford Equipment Co., Inc. - (504) 345-4305
Post Office Box 1833
Hammond, LA 70404
Jeffrey N. Alford IRC-0005

American Technologies, Inc. - (615) 482-2400
101 N. Rutgers Avenue, Suite 202
Oak Ridge, TN 37830
Stephen Fischer C-0068

Anderson Columbia Environmental, Inc. - (904) 755-1196
P. O. Box 1386
Lake City, FL 32056-1386
*Curtis B. Bowden C-0451
Jerry Fletcher IRC-0070
John R. Fulkerson IRC-0074

B & J Equipment Co., Inc. - (501) 862-6161
1101 E. Block Street
El Dorado, AR 71730
Johnnie T. Mitchell IRC-0145

B & M Construction Company - (817) 572-0495
P. O. Box 15156
Fort Worth, TX 76119
*Michael Roberts IRC-0488
*Danny D. Severance IR-0491

B & S Equipment Company, Inc. - (504) 340-2091
3601 Patriot Street
Harvey, LA 70058
Norman S. Gremillion IRC-0081

B.M.S., Inc. - (504) 868-6949
108 E. Ellendale Estate Court
Houma, LA 70360
Wayne A. Guidry IRC-0087

Bear Services - (713) 355-8953
P. O. Box 2296
Spring, TX 77383
Troy Meredith IRC-0339
Flavil Phillips IRC-0158

Beeson & Associates, Inc. - (504) 889-0376
P. O. Box 73079
Metairie, LA 70033-3079
Jonathan H. Beeson IRC-0015

Bell Marketing, Inc. - (318) 837-2013
P. O. Box 80069
Lafayette, LA 70598
E. J. Beadle IRC-0229

Big D Construction - (915) 688-8172
P. O. Box 7808
Midland, TX 79708
*James Boutwell C-0463

Bingham Resources, Inc. - (318) 869-3704
902 Anniston Avenue
Shreveport, LA 71105
*Jeffrey Bingham C-0367

Bird & Son - (318) 865-5994
9412 Castlebrook Drive
Shreveport, LA 71106-5618

John R. Fulkerson IRC-0074

Applied Earth Sciences, Inc. - (4) 465-0667
115 James Drive West, Suite 120
St. Rose, LA 70087

*Bruce Bahlinger	C-0443
Kim D. Hemsley	C-0098

Aumiller's Petroleum Equipment, Inc. - (318) 436-0620
Post Office Box 667
Lake Charles, LA 70601

Jack R. Aumiller, II	IRC-0010
Robert M. Derouen	IRC-0238
Thomas C. Guillory	IRC-0221
Johnny R. Johnson	IRC-0109
Kirt Lormand	IRC-0497
Vern T. Messer	IRC-0215

Bird & Son - (318) 865-5994
9412 Castlebrook Drive
Shreveport, LA 71105-5618

Derwin Scot Bird	C-0019

Breaux's Backhoe Service - (318) 898-0832
243 Lafayette Road
Maurice, LA 70555-9613

Sedric Breaux	C-0026

Brockner Oil Company, Inc. - (318) 495-3156
P. O. Box 429
Olla, LA 71465

Daniel W. Brockner	IR-0027

Burk-Kleinpeter, Inc. - (504) 486-5901
4176 Canal Street
New Orleans, LA 70119

*Reddy M. Nandipati	C-0387

L. L. Golden Oil Co. - (318) 369-3792
P. O. Box 9337
New Iberia, LA 70562
Lawrence L. Golden, Jr. C-0284

LGM Omega, Inc. - (214) 339-0000
4521 Brass Way
Dallas, TX 75236
*Anthony E. Hamilton IR-0455

LRC Technologies, Inc. - (504) 837-4284
3350 Ridgelake Drive, Suite 114
Metairie, LA 70002
*Dean Wolcott C-0460

LT Environmental, Inc. - (303) 433-9788
2150 W. 29th Ave., #310
Denver, CO 80211
*Thomas M. Murphy C-0487

Lagniappe Environmental Applications - (504) 532-6162
P. O. Box 410
Raceland, LA 70394
Dwayne Breaux C-0279

Laidlaw Environmental Services (FS), Inc. - (713) 467-3433
1123 Lumpkin Road
Houston, TX 77043
*Kathryn A. Stathos C-0342

Lamar Contractors, Inc. - (504) 467-7705
2248 Fayette Street
Kenner, LA 70062
Gary Boudreaux IRC-0025
Gregory Lacombe IRC-0125
Larry D. Twiner IRC-0193

Law Engineering and Environ. Services - (214) 934-0800
7616 LBJ Freeway, Park Central I, Suite 600
Dallas, TX 75251
Charles W. Sprague C-0178

LeBlanc & Theriot Equipment Co., Inc. - (504) 834-1438
1024 Central Avenue
Metairie, LA 70004
Bruce Clause IRC-0040
Louis Theriot IRC-0187

LeBlanc & Theriot Equipment Co., Inc. - (504) 926-2944
9410 Lindale Avenue, Suite A
Baton Rouge, LA 70815
Hal Gildor IRC-0078

Leesville Oil Company - (318) 239-0161
1300 South 3rd Street
Leesville, LA 71446
William Randall Martin IRC-0395

Les Gray Co., Inc. - (214) 272-0011
1800 Commerce Street
Garland, TX 75040-6712
Leslie V. Gray IRC-0254

La. Dept. of Trans. & Development - (504) 929-9141
5080 Florida Avenue
Baton Rouge, LA 70806
James B. Bodker C-0023
Joubert Harris C-0097

La. Dept. of Trans. & Development - (504) 379-1580
P. O. Box 94245
Baton Rouge, LA 70804-9245
Joe Modicut C-0146

La. Service Station Equip. Co. (LASSCO) - (318) 433-5272
2501 6th Street
Lake Charles, LA 70601
David T. Brumby IRC-0029
Harry L. Higgins IRC-0099
Robert J. Stelly C-0429
William R. Theunissen IRC-0438

M and M Pump, Inc. (504) 664-9540
32330 Highway 16
Denham Springs, LA 70726
Joseph Bushnell IR-0495
Tracy Rushing IRC-0220

M. O. "Jack" Argence & Son, Inc. - (504) 737-5866
140 Hickory Avenue
Harahan, LA 70123
Jerry Allen IRC-0006
Frank Massara IRC-0294

MR Petroleum, Inc. - (601) 957-3070
P. O. Box 29
Brandon, MS 39043
Marc Tate IRC-0430

M. S. Environmental Consultants - (504) 752-4626
5618 Superior Drive, Suite E
Baton Rouge, LA 70816-6065
Suresh Sharma C-0176

M. S. Sales & Service - (318) 239-9300
P. O. Box 1767
Leesville, LA 70634
*Michael Allen Smith IRC-0390

Materials Management Group, Inc. - (504) 368-0568
P. O. Box 6984
New Orleans, LA 70174
James Blazek, Jr. C-0021
Claire Renault C-0163

Mixon, Incorporated - (318) 649-2665
P. O. Box 247
Grayson, LA 71435
John I. Patterson IRC-0257

Montgomery Watson Engineers - (504) 466-3956
107 Mallard Street, Suite D
St. Rose, LA 70087
David M. Ruhl C-0309

Moore Oil Company - (318) 388-2111
P. O. Box 4947
Monroe, LA 71210
James Beaver IRC-0272

Murphy Brothers Trucking, Inc. - 1-800-451-7951
P. O. Box 293
Arcadia, LA 71001
Kenneth Watson IRC-0203

National Environmental Service Co. - (210) 492-8877
4741 College Park
San Antonio, TX 78249
Marshall D. Ryan IRC-0428

National Environmental Service Company - (918) 250-2227
12331 East 60th Street
Tulsa, OK 74146
Robert G. Clark IRC-0434
Charles M. Nance IRC-0437

Northeast Louisiana Wholesale Oil & Gas - (318) 322-3195
P. O. Box 4987
Monroe, LA 71211
Thomas G. Hall IRC-0091

Oil Jobber's Maintenance - (318) 563-4213
P. O. Box 393
Mansura, LA 71350
Houston D. Ducote IRC-0060

Oil Mop, Inc. - (504) 394-6610
145 Keating Drive
Belle Chasse, LA 70037
David S. Diamond C-0277

Omega Environmental Services, Inc. - (770) 621-9414
4661 Hammermill Road, Suite B
Tucker, GA 30084
Carlos R. Arnaud IRC-0413

Opelousas Maintenance Service, Inc. - (318) 826-5567
P. O. Box 158
Washington, LA 70589-0158
Percy Joubert, Jr. IRC-0119
Sally Joubert IRC-0287

Opelousas Pump Service, Inc. - 1 (800) 835-8063
P. O. Box 1063
Opelousas, LA 70570
Joseph L. Lavergne IRC-0131

Orleans Environmental Consultants - (504) 523-2042
150 Baronne Street, Suite 512
New Orleans, LA 70112
James P. Evans, III C-0319

Ovac, Inc. - (318) 433-1602
P. O. Box 16584
Lake Charles, LA 70616
Praveen Kumar Udtha C-0432

PGM Enterprises, Inc. - (504) 887-3269
P. O. Box 6512
Metairie, LA 70009
Paul G. Maxsween IRC-0137

Parsons Engineering Science, Incorporated - (504) 293-6680
3636 S. Sherwood Forest Blvd., Suite 450
Baton Rouge, LA 70816
*Troy A. Marcella C-0457
William Matthew Parker C-0256

Pat S. Todd Oil Co., Inc. - (318) 352-2203
200 Rapides Drive
Natchitoches, LA 71457
Max Evans IRC-0065

Pelican Environmental Services, Inc. - (318) 235-8130
P. O. Box 51807
Lafayette, LA 70505-1807
Raul J. Viera C-0260

Performance Oil Equipment, Inc. - (601) 948-2042
P. O. Box 8945
Jackson, MS 39284
Barry A. Andrews IRC-0227

Perry & Sons, Inc. - (318) 387-7162
P. O. Box 1121
Monroe, LA 71202
William H. Cagle, Jr. IRC-0275
Edward M. Dison IRC-0056
Kenneth W. Howe IRC-0102
Steve Mizell IRC-0296
Michael R. Perry IRC-0155
Curtis Shumate IRC-0312
Tracy D. West IRC-0206

Petro Marketing, Inc. - (318) 865-0094
9706 St. Vincent Avenue
Shreveport, LA 71106
Albert J. Otto IRC-0152
Loralee Otto IR-0498

Petrochem Maintenance, Inc. - (504) 272-1361
P. O. Box 40345
Baton Rouge, LA 70835-0345
James D. Langlois IRC-0128

Petroleum Automation Consultants, Inc. - (318) 343-7328
P. O. Box 588
Swartz, LA 71281
Christopher Bonial IRC-0391
Gary Kidd IRC-0394
Thomas S. Teel IRC-0185

Petroleum Installation Company, Inc. - (601) 939-9266
P. O. Box 3889
Jackson, MS 39207-3889
Jeffrey Rhemann IRC-0306

Petroleum Services - (713) 354-4713
20487 S. Hillcrest St.
Porter, TX 77365
*Darla Latham IRC-0449

Petroleum Wholesale, Inc. - (713) 444-2266
3648 F.M. 1960 West
Houston, TX 77068
*Christopher Butler C-0493

Petron, Incorporated - (318) 445-5685
P. O. Box 8718
Alexandria, LA 71306
Kevin L. Arnold IRC-0008
John Butterfield IRC-0030
William R. Hance IRC-0222
*Troy Hicks IRC-0447
Calvin Hoge IRC-0101
Jerry D. Hunter, Jr. IRC-0103
Joseph Jackson IRC-0104
Kent D. McGee IRC-0396
James E. Roberts IRC-0167
Kevin Roberts C-0499
Norman Roberts IRC-0168
Gregory Sanchez C-0310
*Jonathan Young IRC-0363

Pollution Management, Inc. - (501) 221-7122
3200 South Shackelford, Suite 8
Little Rock, AR 72205
Charles Richesin C-0307

Professional Engineering & Environmental Consultants - (504) 347-1900
7521 Westbank Expressway, Suite G
Marrero, LA 70072
Mohammad Saleh C-0500

Professional Tank Service, Inc. - (504) 466-1981
1314 4th Street
Kenner, LA 70062
Barry J. Raziano IRC-0159
Michael Scott Raziano C-0161
Roy Raziano IRC-0160

Pump Masters, Inc. - (318) 425-1557
405 Creswell Street
Shreveport, LA 71101
*Vance Pread IRC-0372
Douglas L. Jones IRC-0113
George Leon Jones IRC-0114
J. Lee Jones IRC-0115
Mack E. Jones IRC-0116
*Steven Craig Jones IRC-0375
*Fred C. Morgan IRC-0377

R. L. Hall & Associates, Inc. - (504) 928-2545
2326 N. Airway Drive
Baton Rouge, LA 70815
Randy L. Hall IRC-0090
Donald E. Shipley, Jr. IRC-0177

Ranger Environmental, Inc. - (318) 631-5252
4350 Greenwood Road, Suite R
Shreveport, LA 71109
Robert Bolin C-0231

Richardson Service Station Maintenance - (318) 352-3937
P. O. Box 481
Natchitoches, LA 71457
David Z. Richardson IRC-0165

Rittiner Equipment Company, Inc. - (504) 367-5586
P. O. Box 385
Gretna, LA 70054
Glen Faust IRC-0066
Perrin R. Rittiner, Jr. IR-0261
Raul G. Sanchez IRC-0173

Roland J. Robert Distributor - (504) 388-9826
P. O. Box 70
Burnside, LA 70738-0070
Reed A. Lambert — C-0126
Gayle P. Robert — IRC-0166

Robinson Contractors - (504) 654-2000
545 Zimmerman Road
Zachary, LA 70791
Rick A. Robinson — C-0262

Rubark Environmental Services - (504) 944-9965
2801 Frenchmen Street
New Orleans, LA 70122
Barry Thibodeaux — C-0188

SEMS, Incorporated - (504) 924-2002
2844 Fellsway Drive
Baton Rouge, LA 70814
Mark L. Morgan — C-0148
John H. Olinde — C-0409

SQG Management Corporation - (504) 643-3317
P. O. Box 852
Slidell, LA 70461
*William E. Blossman, Jr. — C-0462
*James K. Smith — C-0341

Separation Systems Consultants, Inc. - (504) 876-4080
1626 Barrow Street
Houma, LA 70360
A. Ewell "Whip" Baudin — C-0012

Service Equipment Co., Inc. - (504) 525-0692
P. O. Box 52256
New Orleans, LA 70152
Sidney A. Chrestia — IRC-0037
Michael W. Marquez — IRC-0136

Sidney Albert Sidney Enterprises, Inc. - (504) 275-6413
P. O. Box 41291
Baton Rouge, LA 70835-1291
Charles Hudson — C-0249

Soil Testing Engineers, Inc. - (504) 752-4790
316 Highlandia Drive
Baton Rouge, LA 70810
*Vernon Ashworth — C-0346

Southwest Service Co., Inc. - (318) 234-1983
P. O. Box 30937
Lafayette, LA 70593-0937
Chris Graciana — IRC-0079
Michael Guidry — IRC-0086

Specialty Services, Inc. - (615) 754-4927
P. O. Box 292633
Nashville, TN 37229
*Wayne Cross — C-0445

St. Romain Oil Company - (318) 964-2424
P. O. Box 98
Mansura, LA 71350
Odell Gremillion — IR-0324
Edmond J. St. Romain — IRC-0001

Staggers Oil Company - (903) 935-2603
P. O. Box 1117
Marshall, TX 75671
Grady O. Staggers — IRC-0179

Sub-Tech, Inc. - (812) 867-0100
7925 Burch Park Drive
Evansville, IN 47711-1787
*Dennis Ray Jochem — IRC-0472

Sundrop Service, Inc. - (214) 272-1586
302 N. Barnes
Garland, TX 75042
Benny R. Clay — IRC-0351

SunTech Environmental Services, Inc. - (903) 859-2855
P. O. Drawer G
Arp, TX 75750
*Jon D. Calicut — IRC-0465
*Larry Stone — IRC-0343

Tank Testers, Incorporated - (318) 269-1900
109-B Gil Drive
Lafayette, LA 70507
Harold Deshotel — IRC-0054

The WCM Group, Inc. - (713) 446-7070
9802 FM 1960 Bypass, Suite 200
Humble, TX 77338
Steven K. Wells — C-0205

Thickstun Brothers Equipment Co., Inc. - (614) 252-8422
841 Alton Avenue
Columbus, OH 43219
Timothy L. Thickstun — IRC-0189

Tri-State Mechanical & Electrical (318) 686-3001
5035 Flourney-Lucas Road
Shreveport, LA 71120
Gary Larey — IRC-0129

Tri-State Oil Company, Inc. - (504) 839-4581
119 Keating Drive
Belle Chasse, LA 70438
Doyle Hines — C-0247

Triple JJJ, Incorporated - (318) 424-7753
(dba Smith Oil Company)
P. O. Box 7905
Shreveport, LA 71137
*Woodrow W. Fields — IR-0481
Bill Jones — IR-0112

Triple S Const. & Maintenance Co., Inc. - (318) 868-1405
305 Royal Lane
Shreveport, LA 71106
Glenn A. Sanders — IRC-0174

URS Consultants, Inc. - (504) 837-6326
3500 North Causeway Blvd., Suite 900
Metairie, LA 70002-3527
*Charles R. Harrell — C-0470

United Agricultural Services, Inc. - (901) 794-8800
3765 Premier Cove
Memphis, TN 38118
Roger E. Hancs — C-0094

Vaughan Contractors, Inc. - (504) 436-7777
P. O. Box 740
Westwego, LA 70096
H. P. Vaughan — C-0196
Harvey L. Vaughan — C-0335

Vinyard Petroleum Service, Inc. - (504) 345-0438
Route 2, Box 154-F
Tickfaw, LA 70466
Gary Vinyard — IRC-0336

Virogroup, Inc. - (504) 624-9096
225 Antibes West
Mandeville, LA 70448
Alan L. Piechocki — C-0303

W. B. McCartney Oil Company - (318) 992-8223
P. O. Box 1382
Jena, LA 71342
W. Keith Gammill — IRC-0076

W.M.C. - (318) 984-8981
108 Bark Road
Lafayette, LA 70506
Wilbur Menard — C-0140

Waldemar S. Nelson & Company, Inc. - (504) 523-5281
1200 St. Charles Avenue
New Orleans, LA 70130
Keith J. Prier — C-0258

Walk, Haydel & Associates - (504) 586-8111
600 Carondelet Street
New Orleans, LA 70130-3587
***Gerald Hymel** **C-0448**

Walk, Haydel & Associates - (504) 293-6600
10550 Airline Highway
Baton Rouge, LA 70816
***Peter Goodman** **C-0469**

Walsh Environmental, Inc. - (504) 392-3808
P. O. Box 6637
New Orleans, LA 70174
***Mark Chenevert** **C-0452**

Waseco, Inc. - (504) 545-3970
P. O. Box 120
White Castle, LA 70788
***Thomas A. Roy, IV** **C-0459**

Wilson Kimble Contractors, Inc. - (504) 752-4120
13941 Jefferson Highway
Baton Rouge, LA 70006
Roy E. Blalock **C-0230**

Wilson Oil Company, Inc. - (318) 339-7251
506 Main Street
Jonesville, LA 71343
David McMillin **C-0328**

Woodward-Clyde Consultants - (504) 751-1873
P. O. Box 66317
Baton Rouge, LA 70896
***John Hebert** **C-0354**
***P. Denise Radaich** **C-0379**

CURRENTLY NOT AFFILIATED WITH A COMPANY OR SELF EMPLOYED

Oliver Dykes **IRC-0063**
Unknown

Fred Grosskopf **C-0244**
(504) 845-1016
202 Pineland Drive
Mandeville, LA 70411

Melanie E. Reed, **C-0305**
(504) 845-1016
Hydrogeologist
P. O. Box 870632
New Orleans, LA 70187-0632

Kenneth Thompson **C-0190**
(504) 861-1769
1225 Pine Street
New Orleans, LA 70118

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Waste Profile Sheet Code: WMNA 377064

This form is to be used to comply with the requirements of a waste agreement.

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

(Shaded Areas For Contractor Use Only)

Decision Expiration Date: / /

Contractor Sales Rep#: _____ Service Agr. Renewal Date: / /

A. WASTE GENERATOR INFORMATION

1. Generator Name: DEPARTMENT OF DEFENSE (DERP/FUDS) 2. SIC Code: _____
3. Facility Address (site of waste generation): Corner Main St, Ave. H + Ave. J, Chennault Intl'l. Airpark, Lake Charles, LA
4. Generator City, State/Province: C/O US Army Corps of Engrs., P.O. Box 60267, New Orleans, LA Zip/Postal Code: 70160
6. Generator USEPA/Federal ID #: _____ 7. State/Province ID #: _____
8. Technical Contact: CEMVN-ED-GE, USACE-New Orleans District 9. Phone: (504) 862-2656

B. WASTE STREAM INFORMATION (See Instructions)

1. Name of Waste: _____
2. Process Generating Waste: _____
3. Annual Amount/Units: _____ 4. Type A ☐ Type B ☐
5. Special Handling Instructions/Supplemental Information: _____
6. Incidental Waste Types and Amounts: _____

C. TRANSPORTATION INFORMATION

1. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Sludge ☐ Bulk Solid ☐ Drum/Box ☐ Other _____
2. Supplemental Shipping Information: _____
3. Is this a DOT hazardous material? ☐ No ☐ Yes (If yes, complete 4, 5 & 6) 4. Hazard Class/ID #: _____
5. Reportable Quantity/Units (lb/kg): _____ 6. Shipping Name: _____

D. TECHNICAL MANAGER DECISION (Check One) ☐ APPROVED ☐ DISAPPROVED ☐ Check if additional information is attached

If Disapproved, Explain: _____
If Approved, Continue.
1. Management Method(s) _____
2. Precautions, Conditions, or Limitations on Approval: _____
3. For Type A Wastes, Laboratory Analysis of a Representative Sample Was: ☐ Waived ☐ Attached
If waived, explain why: _____
4. List Non-WMI Facility that is Approved to Manage this Waste: _____ Date: _____
Tech. Mgr. Signature: _____ Name (Print): _____ Date: _____

E. MANAGEMENT FACILITY INFORMATION / DECISION

1. Proposed Management Facility: _____
2. Proposed Intermediate Transfer Facility: _____ 3. Transporter: _____
4. Management Facility Gen. Mgr. Decision (Check One) ☐ APPROVED ☐ DISAPPROVED
If Disapproved, Explain: _____
If Approved, List Precautions, Conditions, or Limitations on Approval: _____
General Mgr. Signature: _____ Name (Print): _____ Date: _____

Turn Page and Complete Side 2 (If Type B Special Waste, only complete Part J of Side 2)

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

F. PHYSICAL CHARACTERISTICS OF WASTE (See Instructions)

1. Color	2. Does the waste have a strong incidental odor? ☐ No ☐ Yes; if so, describe:	3. Physical State @ 70°F/21°C: ☐ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder ☐ Other:	4. Layers ☐ Multi-layered ☐ Bi-layered ☐ Single Phased	5. Specific Gravity Range	6. Free Liquids: ☐ Yes ☐ No Volume:

7. pH: ☐ ≤2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☐ 7-10 ☐ 10- <12.5 ☐ ≥12.5 ☐ Range ☐ NA

8. Flash Point: ☐ None ☐ <140°F/60°C ☐ 140 - 199°F/60 - 93°C ☐ ≥200°F/93°C ☐ Closed Cup ☐ Open Cup

G. CHEMICAL COMPOSITION

	RANGE (MIN-MAX)
1. _____	____ - ____ %
_____	____ - ____ %
_____	____ - ____ %
_____	____ - ____ %
_____	____ - ____ %
_____	____ - ____ %
_____	____ - ____ %
_____	____ - ____ %
_____	____ - ____ %
Total:	_____ %

2. Does the waste contain any of the following? (provide concentration if known):

	NO	or	LESS THAN	or	ACTUAL
PCBs	☐		☐ < 50 ppm		_____ ppm
Cyanides	☐		☐ < 30 ppm		_____ ppm
Sulfides	☐		☐ < 500 ppm		_____ ppm

Please note: Unless analytical results are attached, the chemical composition identification should include, at a minimum, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Pesticides, Herbicides, and any other TCLP constituents that may be present in the waste. The total composition must be greater than or equal to 100%. (.0001% = 1 ppm or 1 mg/l)

3. Indicate method used to determine composition (if provided): ☐ TCLP ☐ Total ☐ Other: _____

H. SAMPLING SOURCE (e.g., Drum, Lagoon, Pit, Pond, Tank, Vat) _____

I. REPRESENTATIVE SAMPLE CERTIFICATION

1. Print Sampler's Name: _____ 2. Sample Date: _____
3. Sampler's Title: _____
4. Sampler's Employer (if other than Generator): _____

The sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20(c) or equivalent rules.

5. Sampler's Signature _____

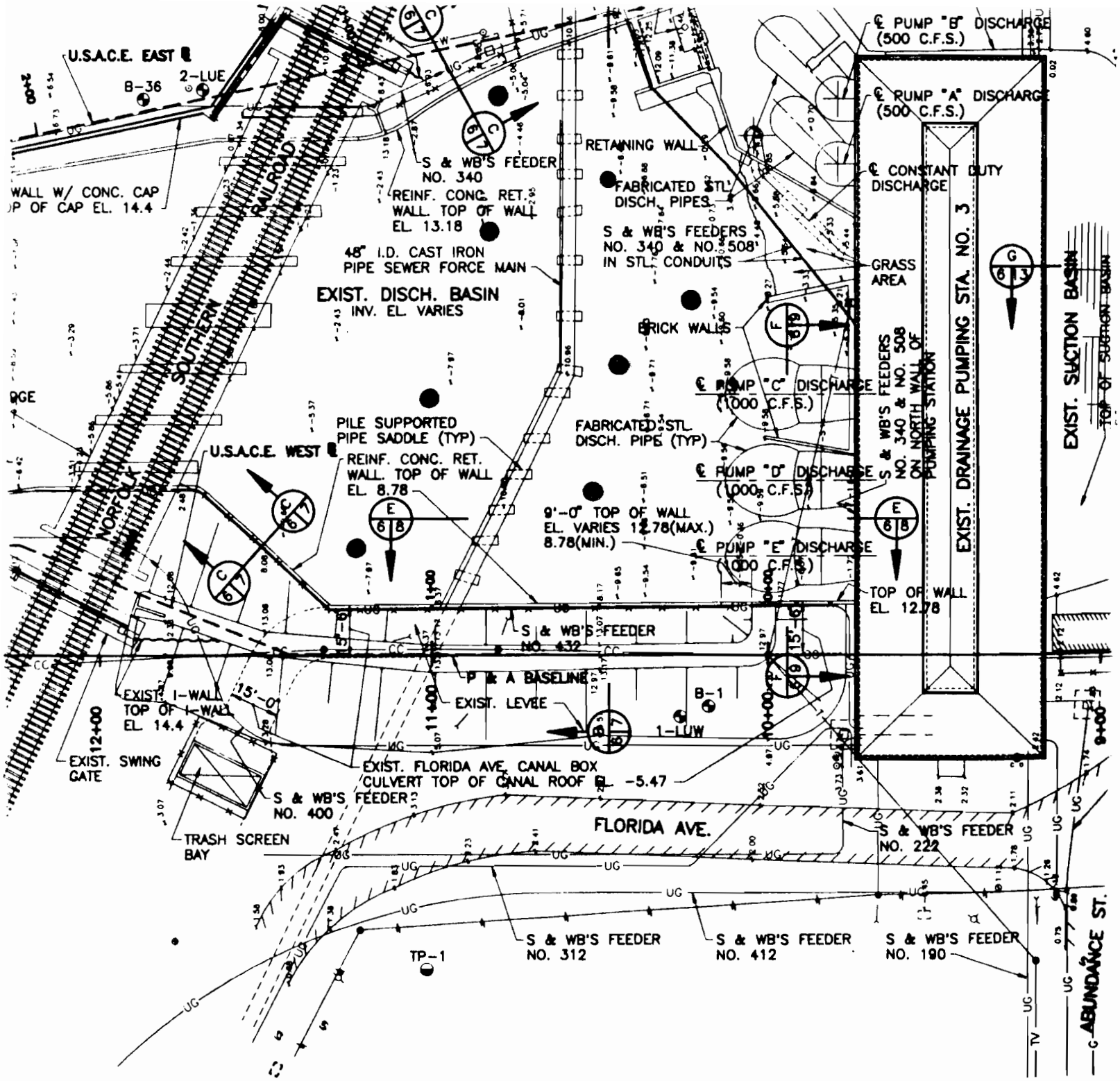
J. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or the state/province.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The unshaded portions of this sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
4. The Generator has read and understands the Contractor's Definition of Special Waste included in Part B.5. of the attached instructions form All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. of this form.
5. The analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20(c) or equivalent rules.
6. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractc

7. Signature _____ 8. Title _____

9. Name (Type or Print) On behalf of USACE-NOD: DOD(DERP/FUDS) 10. Date _____



SITE PLAN

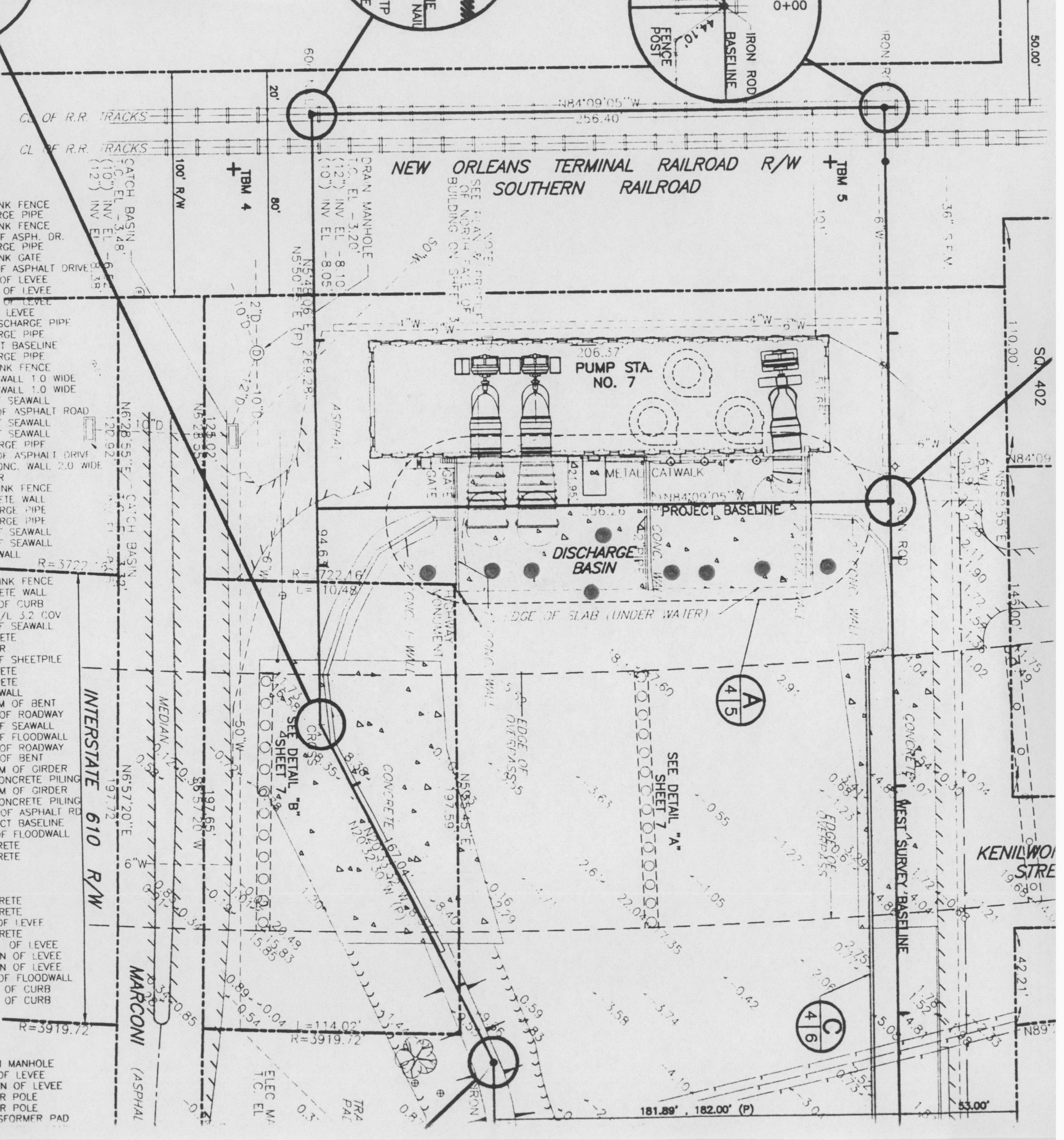
NOTE: 1. ALL ELEVATIONS REFER TO N.G.V.D.
2. 0.0 N.G.V.D.=20.43 CAIRO DATUM (C.D.)

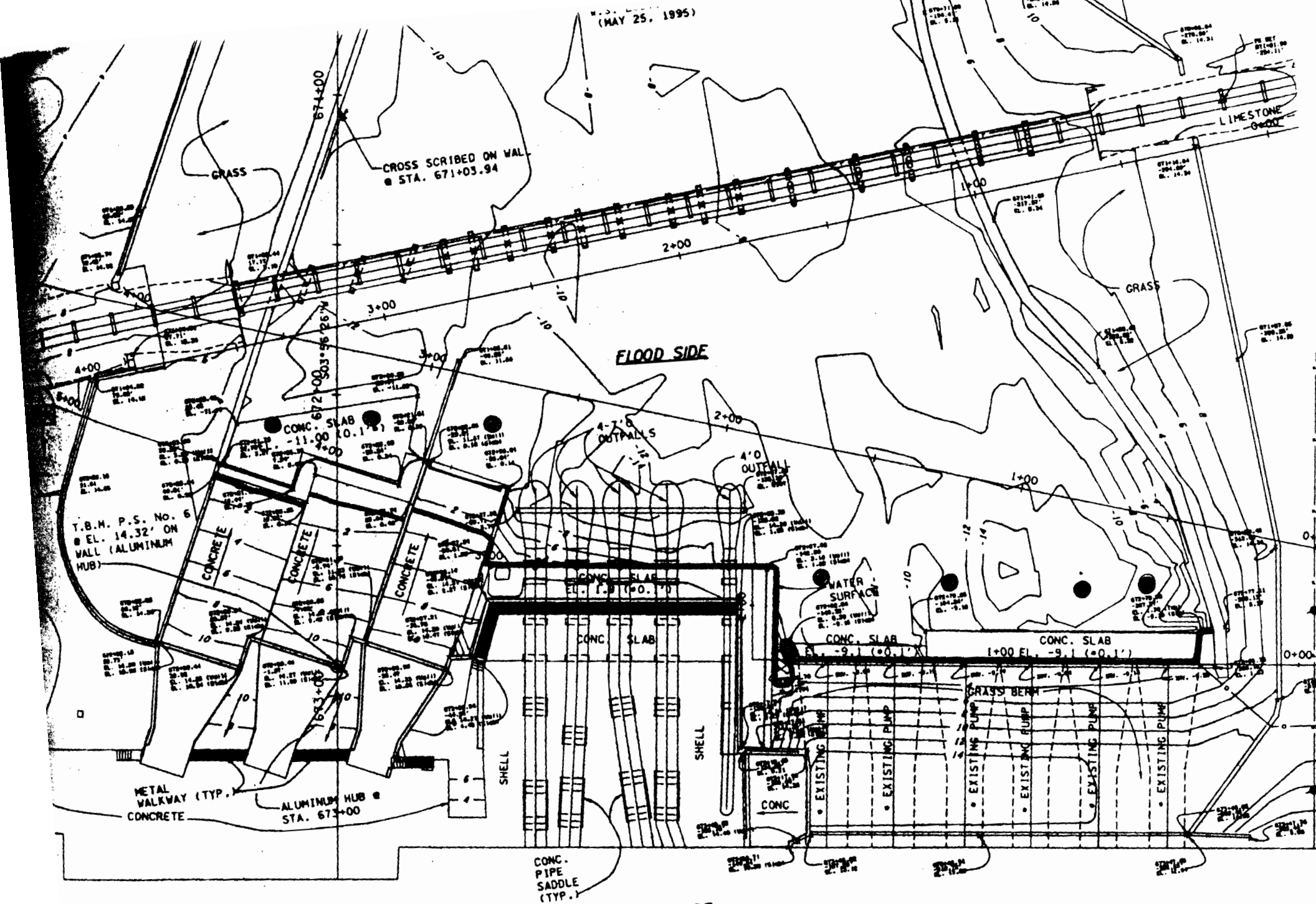
● SEDIMENT SAMPLING

LONDON AVE OUTFALL CANAL Pumping Sta. #3

	SIDE TIE		DESCRIPTIOIN	
				0+00
	329.49	RT	40" OAK TREE	
9	307.84	RT	42" OAK TREE	
	215.20	RT	36" OAK TREE	
5	334.20	RT	NOPSI MANHOLE	
9	241.27	RT	38" OAK TREE	
6	339.50	RT	48" OAK TREE	
9	294.14	RT	42" OAK TREE	
7	282.10'	RT	– DRAIN MANHOLE	
8	355.02	RT	STREET LIGHT	
5	328.73	RT	42" OAK TREE	
3	268.05	RT	48" OAK TREE	
8	262.08	RT	EDGE OF ASPH. DR.	
6	382.13	RT	C/L OF ASPH. RD.	
9	354.49	RT	CATCH BASIN	
	296.40	RT	CATCH BASIN	
0	264.88	RT	EDGE OF ASPH. DR.	
5	194.81	RT	CONCRETE WALL	
8	290.11	RT	U.G. WATER LINE	
1	181.88	RT	IRON ROD (Set)	
3	295.96	RT	EDGE OF ASPH. DR.	
3	202.02	RT	CHAINLINK FENCE	1+00
5	205.94	RT	CONCRETE	
8	0.00	RT	IRON ROD (Set)	
1	195.81	RT	CONCRETE	
	205.72	RT	CHAINLINK GATE	
5	195.93	RT	CHAINLINK FENCE	
9	216.21	RT	CHAINLINK FENCE	
	287.77	RT	EDGE OF ASPH. DR.	
	293.54	RT	EDGE OF ASPH. DR.	
	195.96	RT	CHAINLINK FENCE	
5	272.29	RT	EDGE OF ASPH. DR.	
0	138.33	RT	6" PIPE	
	46.38	RT	DISCHARGE PIPE	
0	181.28	RT	DISCHARGE PIPE	
	158.72	RT	DISCHARGE PIPE	
3	74.42	RT	6" PIPE	
1	1.38	RT	POWER POLE	
	158.97	RT	DISCHARGE PIPE	
5	282.40	RT	EDGE OF ASPH. DR.	
	181.38	RT	DISCHARGE PIPE	
5	232.24	RT	EDGE OF ASPH. DR.	
				2+00
8	108.16	RT	CONCRETE WALL	
5	110.69	RT	CONCRETE WALL	
9	295.92	RT	EDGE OF ASPH. DR.	
4	286.58	RT	EDGE OF ASPH. DR.	
09	**109.77**	**RT**	**2" PIPE**	
19	196.26	RT	CONC. MONUMENT L.D.H.	
36	35.46	RT	CHAINLINK FENCE	
19	195.80	RT	CHAINLINK FENCE	
59	194.75	RT	CONCRETE WALL	
52	194.44	RT	15" ELM TREE 20.0 CROWN	
06	110.83	RT	CONCRETE	
17	37.52	RT	C/L CONC. WALL 2.0 WIDE	
38	107.29	RT	CONCRETE WALL	
13	107.32	RT	CONCRETE WALL	
51	110.55	RT	CONCRETE WALL	
75	272.20	RT	POWER POLE	
98	**109.50**	**RT**	**2" PIPE**	
78	320.94	RT	BACK OF CURB	
35	296.14	RT	EDGE OF ASPH. RD.	
93	190.96	RT	CONCRETE WALL	
23	190.99	RT	CHAINLINK FENCE	3+00
17	1.70	RT	TOP OF SEAWALL	
46	243.30	RT	TOP OF SEAWALL	
.17	321.00	RT	BACK OF CURB	
.31	279.96	RT	CONCRETE	
.12	329.98	RT	BACK OF CURB	
.34	297.55	RT	EDGE OF ASPH. RD.	
.65	283.14	RT	54" CONCRETE PILING	
.63	281.16	RT	BOTTOM OF GIRDER	
.97	110.31	RT	54" CONCRETE PILING	
.31	112.48	RT	BOTTOM OF GIRDER	
.15	283.24	RT	BOTTOM OF BENT	
.38	283.20	RT	BOTTOM OF BENT	
40	110.21	RT	BOTTOM OF BENT	
				4+00
14	329.06	RT	BACK OF CURB	
03	293.88	RT	U.G. W/L 4.6 COVER	
05	162.91	RT	TOE OF LEVEE	
81	216.11	RT	12" HACKBERRY TREE	
87	178.89	RT	CROWN OF LEVEE	
	181.89	RT	IRON ROD (Found) F. R/W	

STATION	SIDE TIE		DESCRIPTIOIN
1+66.52	36.84	RT	CHAINLINK FENCE
1+68.08	158.90	RT	DISCHARGE PIPE
1+68.12	35.68	RT	CHAINLINK FENCE
1+68.18	248.53	RT	EDGE OF ASPH. DR.
1+68.27	181.01	RT	DISCHARGE PIPE
1+69.10	196.22	RT	CHAINLINK GATE
1+70.15	245.16	RT	EDGE OF ASPHALT DRIVE
1+70.19	151.53	RT	TOE OF LEVEE
1+70.41	181.55	RT	CROWN OF LEVEE
1+70.48	171.95	RT	CROWN OF LEVEE
1+71.58	210.73	RT	TOE OF LEVEE
1+73.46	51.45	RT	C/L DISCHARGE PIPE
1+74.33	158.76	RT	DISCHARGE PIPE
1+74.65	256.26	RT	PROJECT BASELINE
1+74.73	181.45	RT	DISCHARGE PIPE
1+79.22	195.78	RT	CHAINLINK FENCE
1+79.91	194.71	RT	CONC. WALL 1.0 WIDE
1+79.94	204.98	RT	CONC. WALL 1.0 WIDE
1+80.66	204.92	RT	TOP OF SEAWALL
1+80.95	368.82	RT	EDGE OF ASPHALT ROAD
1+81.89	35.67	RT	TOP OF SEAWALL
1+82.97	15.54	RT	TOP OF SEAWALL
1+83.44	158.70	RT	DISCHARGE PIPE
1+83.77	272.28	RT	EDGE OF ASPHALT DRIVE
1+83.82	37.08	RT	C/L CONC. WALL 2.0 WIDE
1+83.83	0.91	RT	ANCHOR
1+85.66	195.61	RT	CHAINLINK FENCE
1+85.88	194.72	RT	CONCRETE WALL
1+86.74	158.65	RT	DISCHARGE PIPE
1+86.80	181.33	RT	DISCHARGE PIPE
1+95.09	228.90	RT	TOP OF SEAWALL
1+96.27	3.44	RT	TOP OF SEAWALL
1+98.17	16.33	RT	FLOODWALL
2+27.32	185.05	RT	CHAINLINK FENCE
2+27.52	184.76	RT	CONCRETE WALL
2+31.18	330.06	RT	BACK OF CURB
2+35.80	291.35	RT	U.G. W/L 3.2 COV
2+39.44	1.99	RT	TOP OF SEAWALL
2+40.47	282.77	RT	CONCRETE
2+41.12	274.86	RT	ANCHOR
2+41.28	10.81	RT	TOP OF SHEETPILE
2+42.18	202.85	RT	CONCRETE
2+42.50	10.75	RT	CONCRETE
2+46.09	10.59	RT	FLOODWALL
2+46.20	279.49	RT	BOTTOM OF BENT
2+46.72	279.71	RT	EDGE OF ROADWAY
2+47.46	252.57	RT	TOP OF SEAWALL
2+47.48	252.55	RT	TOP OF FLOODWALL
2+47.51	112.84	RT	EDGE OF ROADWAY
2+47.90	110.84	RT	EDGE OF BENT
2+49.52	277.59	RT	BOTTOM OF GIRDER
2+49.91	280.07	RT	54" CONCRETE PILING
2+50.26	115.35	RT	BOTTOM OF GIRDER
2+50.30	113.37	RT	54" CONCRETE PILING
2+63.19	296.23	RT	EDGE OF ASPHALT RD
2+69.28	256.18	RT	PROJECT BASELINE
2+77.08	249.59	RT	TOP OF FLOODWALL
2+80.97	200.68	RT	CONCRETE
2+98.29	284.76	RT	CONCRETE
3+63.00	10.65	RT	CONCRETE
3+66.40	248.45	RT	CONCRETE
3+66.69	247.83	RT	TOE OF LEVEE
3+67.47	176.87	RT	CONCRETE
3+67.66	181.09	RT	TOE OF LEVEE
3+68.07	201.02	RT	CROWN OF LEVEE
3+68.31	211.32	RT	CROWN OF LEVEE
3+70.12	202.76	RT	TOP OF FLOODWALL
3+97.33	331.89	RT	BACK OF CURB
3+97.48	325.66	RT	BACK OF CURB
4+48.02	292.07	RT	NOPSI MANHOLE
4+56.71	149.21	RT	TOE OF LEVEE
4+59.74	171.74	RT	CROWN OF LEVEE
4+60.91	270.07	RT	POWER POLE
4+61.62	232.45	RT	POWER POLE
4+61.83	254.33	RT	TRANSFORMER PAD





NOTE:
1. COE BASELINE LOCATED ON GROUND WITHIN 0.5'• ONLY. • = ACCURACY.
2. EXISTING POWERLINES SHALL NOT BE DISTURBED.

From: Mohan S Desai
To: LMNN10.VOJKOVIC
Date: 11/5/97 2:36pm
Subject: Drainage Pumping Station #7, Fronting Protection, LPHPP.

Frank:

Reference is made to para a. of your memo. dated 30 Oct 1997, in which you stated in-house capability for taking and testing the sediments sample from the canal bottom.

We recommend you initiate the process for taking and testing the soil samples from areas in the vicinity of the proposed fronting structure.

Thanks

Mohan

CC: LMNN10.NAPOLITA, GUGGENHE, GUIZERIX, ROMEROJO

Copies Furnished (without enclosures):

Mr. Curtis Patterson
Director of Public Works and Flood Control
Department of Transportation and Development

Mr. John Evanco
District Administrator
ATTN: Ms. Geneva Grille
District Design, Water Resources and
Development Engineer
Department of Transportation and Development

Mr. Glen Bergeron
President, East Jefferson Levee District

BCF (wo/encl):
CEMVN-ED-FS
CEMVN-PM-M
CEMVN-CD
CEMVN-CD-NO
CEMVN-ED-E
CEMVN-CT

January 5, 1998

Real Estate Division
Acquisition Branch

Mr. James P. Huey
President, Board of Commissioners
Orleans Levee District
Suite 202, Administration Building
New Orleans, Louisiana 70126

Dear Mr. Huey:

We propose to take samples of canal bottom sediments in the Orleans Avenue Outfall Canal at Pumping Station No. 7, in the London Avenue Outfall Canal at Pumping Station Nos. 3 and 4, and in the 17th Street Outfall Canal at Pumping Station No. 6, Orleans and Jefferson Parishes, Louisiana. The locations at which the samples will be taken are indicated on the enclosed drawings, one for each Pumping Station location.

This soil sampling is necessary to determine if the material will be disposed of in an industrial landfill or in a certified landfill. The determination of the landfill disposal site will result in a more accurate bid and eliminate the possibility of a "Change due to Differing Site Conditions." The current specifications require the contractor to bid assuming the material is to be disposed of at an industrial landfill. After award of the contract, the contractor must perform testing. If the material has to be disposed of in a certified landfill, a change would be made under the "Differing Site Conditions Clause."

The work can be summarized as follows:

a. Orleans Avenue Outfall Canal, Pumping Station No. 7 – A one-half ton carry-all, an 18-foot flat boat with trailer and a one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Marconi Drive. Samples will be taken in the canal with a grab-type sampler. The expected duration of the job is one day.

b. London Avenue Outfall Canal, Pumping Station No. 3 - A one-half ton carry-all, an 18-foot flat boat with trailer and a one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Florida Avenue. Samples will be taken in the canal with a grab-type sampler. The expected duration of the job is one day.

c. London Avenue Outfall Canal, Pumping Station No. 4 - A one-half ton carry-all, an 18-foot flat boat with trailer and a one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Pratt Drive. Samples will be taken in the canal with a grab-type sampler. The expected duration of the job is one day.

d. 17th Street Outfall Canal, Pumping Station No. 6 - A one-half ton carry-all, an 18-foot flat boat with trailer and a one-half ton pickup truck will be used on the job. The vehicles will enter and exit from Jessamine Street. Samples will be taken in the canal with a grab-type sampler. The expected duration of the job is one day.

Since the work at the 17th Street Outfall Canal will fall in both Orleans and Jefferson Parishes, a right of entry has been requested from the East Jefferson Levee District for this site as well, for those areas in their jurisdiction. All ingress and egress will be via public roads and highways.

It is requested that you grant right of entry to perform this soil sediment sampling, with ingress and egress, to the United States of America, by January 23, 1998, in order to meet our schedule. If any additional information is needed, please do not hesitate to contact our Mrs. Deanna Walker at 862-2519. Your continued cooperation is appreciated.

Sincerely,

Clyde H. Sellers
Chief, Real Estate Division

Enclosures

Copies Furnished (with enclosures):

Mr. Stevan G. Spencer
Chief Engineer
Orleans Levee District
Suite 202, Administration Building
New Orleans Lakefront Airport

Mr. G. Joseph Sullivan
General Superintendent
Sewerage & Water Board of New Orleans
General Offices

From: Stanley B Jr Green
To: LMNN10.VOJKOVIC
Date: 12/15/97 1:52pm
Subject: Sediment Testing, London Ave. Canal

Frank,

I spoke with Beth about your proposal this morning. What's not clear is the real advantage of doing the testing in advance. Apparently it costs us about $30k more to reach the same end as it does the contractor, so in the best possible scenario (no hazardous materials) we lose immediately. In the event hazardous materials are found, it's not evident that there's an advantage in knowing up front. Yes, we would have to modify the contract for differing site conditions, but the incremental cost of the mod (compared to the contract's cost if the specs had been written to include disposal of hazardous material) should be a lot less than $30k. In addition, there's a fair probability that the contractor would not complete disposal within the 18-month time limit, in which case we'd incur additional costs for a second series of samples and tests.

As it stands, we'd prefer to let the contractor do the testing. If we're missing something, please let me know.

Stan

CC: COTTONEE

There are 4 contracts on London Ave Canal, P.S. 3, P.S. 4 ~~and~~ Leon C. Simon and Gentilly Bridge. The $30 difference is spread over 4 contracts or about $7500/ per contract.

The advantage there is a high probability the no changes have ~~to~~ be made to the Contract, We ~~as~~ your technical representatives re~~commend Th~~

We never lo ~~Do you lose money when~~ you pay homeowner's insurance if you ~~do not~~ make a claim. We are buying insurance by taking the tests. ~~...~~ An analogy of losing is wrong.