DRAFT

APPENDIX B
DRAFT SUMMARY REPORT
TASK FORCE UNWATERING
WATER SAMPLING AND ANALYSIS – TASK 2
PLAQUEMINES PARISH, LOUISIANA

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATE OF COMPLIANCE *(Read instructions on the reverse side prior to initiating this form)*	DATE December 12, 2005	TRANSMITTAL NO. TO 014-007

SECTION 1 - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS *(This section will be initiated by the contractor)*

TO:	FROM:	CONTRACT NO.	CHECK ONE:
U.S. Army Corps of Engineers New Orleans District P.O. Box 60267 New Orleans, LA 70160	Materials Management Group, Inc. 3520 General DeGaulle Drive, Suite 3010 New Orleans, LA 70114	DACW29-03-D-0014	☐ THIS IS A NEW TRANSMITTAL ☒ THIS IS A RESUBMITTAL OF TRANSMITTAL _____

SPECIFICATION SECTION: (Cover only one section with each transmittal)	PROJECT TITLE AND LOCATION
	Task Order 014 – Task Force Unwatering, Water Sampling and Analysis – Task 1/Task 2, Plaquemines Parish, Louisiana

ITEM NO. a.	DESCRIPTION OF ITEM *(Type, size, model number, etc.)* b.	MFG. OR CONTR. CAT. CURVE DRAWING OR BROCHURE NO. *(See instruction no. 8)* c.	NO. OF COPIES d.	CONTRACT REFERENCE DOCUMENT: SPEC. PARA. NO. e.	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. f.	FOR CONTRACTOR USE CODE g.	VARIATION *(See instruction no. 6)* h.	FOR CE USE CODE i.
1	Task Order No. 14 Task 2 Draft Summary Report		5 + 3 cds			2832-DD-ACE-NOL-014		

REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated.

C. Paul Lo, Project Manager

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE
		December 12, 2005

December 2005

DRAFT SUMMARY REPORT
TASK FORCE UNWATERING
WATER SAMPLING AND ANALYSIS – TASK 2
PLAQUEMINES PARISH, LOUISIANA

Prepared for

US Army Corps
of Engineers®

New Orleans District

Under Contract to
U.S. Army Corps of Engineers – New Orleans District
Environmental Services IAW
DACW29-03-D-0014 Task Order #0014

By

Materials Management Group, Inc.

Summary Report
for the

Task Force Unwatering
Water Sampling and Analysis – Task 2
Plaquemines Parish, Louisiana

Approval Page

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Executive Summary

On behalf of the U.S. Army Corps of Engineers (USACE) New Orleans District (MVN), Materials Management Group, Inc. (MMG) has implemented a water sampling and analysis program in support of emergency dewatering activities in the area. The sampling was conducted under Contract Number DACW29-03-D-0014, Task Order Number 14. The sampling program was designated Task 2 under the task order, and involved sampling surface water at 18 permanent pumping stations in Plaquemines Parish twice weekly for a four-week period.

The scope of work included collecting one sample at each pumping station during each sample event (two samples each week at 18 locations for 36 total primary samples each week). The samples were collected from either the pumping station intake or outlet, depending on pumping activity (when pumping was occurring, the outlet was sampled; the intake was sampled during times of no pumping). The samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, herbicides, polychlorinated biphenyls (PCBs), target analyte list (TAL) metals, total petroleum hydrocarbons (TPHs) – gasoline (TPH-G), diesel (TPH-D), and oil (TPH-O) ranges, total suspended solids (TSS), total organic carbon (TOC), ammonia, biological oxygen demand (BOD), chemical oxygen demand (COD), oil & grease, and pH.

The analytical results indicated that pesticides, herbicides, and TPH-G were not detected. Various VOCs and SVOCs were estimated at a concentration above the method detection limit but below the reporting limit (J-flagged data). TPH-D was consistently present in low levels. TPH-O was detected only at some of the pumping stations, and typically only during the first sampling events. All metals were detected at some point with the exception of beryllium. Silver and zinc were the only metals with occasional concentrations above the benchmarks and a J-flagged concentration of cadmium exceeded the benchmark, although the reporting limits for copper and silver exceeded the benchmarks. Finally, of the conventional discharge parameters, ammonia, COD, and cyanide concentrations were consistently above the applicable Federal and State water quality criteria. TSS, BOD, oil & grease, and pH were each detected above the benchmarks at some point.

Based on the analytical results, there are no major concerns with contaminants in the discharge water. COD and ammonia are the only parameters consistently detected above the benchmarks. The COD concentrations are likely associated with naturally occurring humus material. The ammonia is likely associated with degradation of biological material (although not sewage since the BOD is low). The analytical results from the pumping station water sampling program do not suggest that any corrective action is necessary for the discharge water. MMG recommends that pumping operations continue with no changes or treatment.

1.0 Project Background

Under U.S. Army Corps of Engineers (USACE) New Orleans District (MVN) Contract Number DACW29-03-D-0014, Task Order Number 14 – Task 2, Materials Management Group, Inc. (MMG) has implemented a sampling and analysis program of surface water at 18 permanent pumping stations in Plaquemines Parish. The sampling program consisted of sampling at each location twice weekly for a four-week period, and was implemented in support of USACE Task Force Unwatering activities. Floodwater resulting from Hurricanes Katrina and Rita is being discharged to Barataria Bay and the Gulf of Mexico through the pumping stations. The sampling program will provide information about whether contaminants are present in the discharge water and whether contaminant concentrations exceed Federal and State benchmarks that are protective of human health and the environment. The scope of work under Task Order 14 Task 2 included sampling and analysis of surface water at pump station intakes or outlets (depending on pump activity) at each of 18 pumping stations (in 15 locations) and evaluating the results with regard to Federal and/or State benchmarks. Project-specific data has been entered on the Monitoring Station Data Template provided by the USACE. This spreadsheet has been provided in soft copy only (on the CD provided with the report).

2.0 Summary of Field Activities

The field activities completed under Task Order 14, Task 2 included:

- Collecting one sample at each location two times each week for a four-week period. Samples were collected from the pump outlet during pumping, and from the intake when pumping was not occurring. One of the weekly sample events coincided with a rainfall event (when possible). The appropriate quality assurance/quality control (QA/QC) samples were collected based on the overall number of samples collected. The total number of primary samples collected was 144;
- Sending the samples for analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, herbicides, polychlorinated biphenyls (PCBs), target analyte list (TAL) metals, total petroleum hydrocarbons (TPHs) – gasoline (TPH-G), diesel (TPH-D), and oil (TPH-O) ranges, total suspended solids (TSS), total organic carbon (TOC), ammonia, biological oxygen demand (BOD), chemical oxygen demand (COD), and oil & grease;
- Analyzing the pH of each sample in the field.

2.1 Schedule

Samples were collected from the 18 pumping stations on the following dates (generally the Tuesday and Thursday of each week starting the week of October 24, 2005. Sampling ended November 22, 2005 – see Exceptions and Deviations): October 25th and 27th, and November 1st, 3rd, 8th, 10th, 15th, and 22nd.

2.2 Water Sampling

MMG formed two teams consisting of a Chemist/Environmental Scientist and a Sample Technician to conduct the water sampling. One team visited the pumping stations on the east bank of the Mississippi River (East Bank) and the other visited the stations on the west bank of the river (West Bank). MMG collected the samples from the bank near the water's edge using a five-gallon bucket on a rope. The bucket was lowered into the water near the pump intake or outlet (as indicated in Table 20). The intake area was sampled if pumping was not occurring. When pumping was underway, MMG sampled near the outlet. Care was taken not to disturb the sediment in each location so that samples would be representative of water conditions. Sample containers were filled from the five-gallon bucket. The pH and temperature were measured in each sample location using an Oakton pH/temperature/conductivity meter. The pH meter was calibrated using a standard solution prior to initiating sampling each day.

2.3 Exceptions and Deviations

The water sampling activities were carried out as indicated in the work plans with the following exceptions/deviations:

- The final sampling event was originally scheduled for November 17, 2005 (to complete the fourth week of sampling). However, in order to conduct the final water sampling subsequent to sediment sampling at each pumping station (for data comparison for fate and transport, etc.), the sampling was actually conducted on November 22, 2005.

3.0 Evaluation of Results

The analytical results from the Task 2 water sampling activities are summarized along with applicable water quality criteria in Tables 1-19 (the tables are separated into sample results for each pumping station). The results for each pumping station are summarized below. Briefly, all of the sample results are non-detect for pesticides, herbicides, and TPH-G. Various VOCs and SVOCs were estimated at a concentration above the method detection limit but below the reporting limit (J-flagged data). TPH-D was consistently present in low levels. TPH-O was detected only at some of the pumping stations, and typically only during the first sampling events. All metals were detected at some point with the exception of beryllium. Silver and zinc were the only metals with occasional concentrations above the benchmarks and a J-flagged concentration of cadmium exceeded the benchmark, although the reporting limits for copper and silver exceeded the benchmarks. Finally, of the conventional discharge parameters, ammonia, COD, and cyanide concentrations were consistently above the applicable Federal and State water quality criteria. TSS, BOD, oil & grease, and pH were each detected above the benchmarks at some point.

Belle Chasse 1
The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (bis(2-ethylhexyl)phthalate and di-n-butyl phthalate). TPH-D was detected during the first two and final sampling events; TPH-O was detected only during the first two events. All metals were detected except beryllium, cadmium, cobalt, copper, mercury, and silver; no metals were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS, BOD, oil & grease, and pH concentrations were acceptable.

Belle Chasse 2
The analytical results indicate J-flagged data for VOCs (acetone, carbon disulfide, and methylene chloride) and SVOCs (dimethylphthalate, bis(2-ethylhexyl)phthalate and di-n-butyl phthalate). TPH-D decreased after the first two sampling events and remained consistently low; TPH-O was detected only during the first two events. All metals were detected except antimony, arsenic, beryllium, cadmium, copper, mercury, and silver; no metals were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS, BOD, oil & grease, and pH concentrations were acceptable.

Braithwaite
The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (bis(2-ethylhexyl)phthalate and di-n-butyl phthalate). TPH-D and TPH-O were consistently low. All metals were detected except antimony, beryllium, cadmium, copper, mercury, nickel, silver, and thallium; no metals were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. There were a few TSS concentrations above the benchmark. BOD, oil & grease, and pH concentrations were acceptable.

Scarsdale
The analytical results indicate J-flagged data for SVOCs only (bis(2-ethylhexyl)phthalate and di-n-butyl phthalate). TPH-D was consistently low; TPH-O was detected only during the first two events. All metals were detected except beryllium, cadmium, copper, mercury, silver, and thallium; no metals were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS, BOD, and pH concentrations were acceptable. The first oil & grease concentration exceeded the benchmark, then was not detected the remaining sample events.

Bellevue
The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (bis(2-ethylhexyl)phthalate and di-n-butyl phthalate). In addition, bis(2-ethylhexyl)phthalate was detected during one sample event. TPH-D and TPH-O were consistently up and down. All metals were detected except antimony, beryllium, chromium, copper, mercury, nickel, selenium, silver, and thallium; zinc was detected above the benchmark during one sample event. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. One TSS

concentration exceeded the benchmark. The first two oil & grease concentrations exceeded the benchmark. BOD and pH concentrations were acceptable.

Point a la Hache

The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (bis(2-ethylhexyl)phthalate and di-n-butyl phthalate). In addition, bis(2-ethylhexyl)phthalate was detected (not J-flagged) twice. TPH-D and TPH-O were detected at high concentrations during the first two events; the concentrations then dropped significantly. All metals were detected except beryllium, mercury, and thallium; silver and zinc were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. The first two TSS concentrations exceeded the benchmark. The first few oil & grease concentrations also exceeded the benchmark. BOD and pH concentrations were acceptable.

Ollie 1

The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (bis(2-ethylhexyl)phthalate, fluoranthene, and pyrene). TPH-D and TPH-O concentrations decreased over time. All metals were detected except arsenic, beryllium, cadmium, cobalt, copper, mercury, nickel, selenium, silver, and thallium; no metals were detected above the benchmarks. All ammonia and cyanide concentrations and most COD concentrations exceeded the benchmarks. Two TSS concentrations exceeded the benchmark. BOD, oil & grease, and pH concentrations were acceptable.

Ollie 2

The analytical results indicate J-flagged data for VOCs only (methylene chloride and trichloroethene). TPH-D was consistently low; TPH-O was detected only during the first two events. All metals were detected except arsenic, beryllium, cadmium, chromium, copper, mercury, nickel, selenium, silver, and thallium; no metals were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS, BOD, oil & grease, and pH concentrations were acceptable.

Ollie 3

The analytical results indicate J-flagged data for VOCs (methylene chloride and trichloroethene) and SVOCs (di-n-butyl phthalate and fluoranthene). In addition, bis(2-ethylhexyl) phthalate was detected above the reporting limit on two occasions. TPH-D was consistently low; TPH-O was detected only during the first two events. All metals were detected except arsenic, beryllium, cadmium, cobalt, copper, mercury, nickel, silver, and thallium; no metals were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. One TSS concentration exceeded the benchmark. BOD, oil & grease, and pH concentrations were acceptable.

West Point a la Hache
The analytical results indicate J-flagged data for VOCs (bromodichloromethane, bromoform, chloroform, dibromochloromethane, and methylene chloride) and SVOCs (bis(2-ethylhexyl)phthalate and dimethylphthalate). In addition, bis(2-ethylhexyl)phthalate was detected above the reporting limit on one occasion. TPH-D was detected at low concentrations during later sampling events; TPH-O was detected only once. All metals were detected except antimony, arsenic, beryllium, cadmium, copper, nickel, silver, and thallium; no metals were detected above the benchmarks. All ammonia and cyanide concentrations and all but COD concentration exceeded the benchmarks. Most of the later TSS concentrations exceeded the benchmark. One BOD and one pH concentration exceeded the benchmarks. Oil & grease was not detected.

Diamond
The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (acenaphthene, bis(2-ethylhexyl)phthalate, and di-n-butyl phthalate). TPH-D was detected only during last two sampling events; TPH-O was not detected. All metals were detected except antimony, arsenic, beryllium, chromium, copper, mercury, silver, and thallium; no metals were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS, BOD, and pH concentrations were acceptable. Oil & grease was not detected.

Diamond – duplicate sample
The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (di-n-butyl phthalate). TPH-D was detected at low concentrations during later sampling events; TPH-O was not detected. All metals were detected except arsenic, beryllium, copper, mercury, selenium, and thallium; silver and zinc were detected above the benchmarks on one occasion. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS, BOD, and pH concentrations were acceptable. Oil & grease was not detected.

Hayes
The analytical results indicate J-flagged data for VOCs (chloroform and methylene chloride), SVOCs (di-n-butyl phthalate), and PCBs (Arochlor-1254). TPH-D was consistently detected at low concentrations; TPH-O was detected only during the last sampling event. All metals were detected except antimony, beryllium, cadmium, copper, mercury, and nickel; silver was detected above the benchmark on one occasion. All ammonia and cyanide concentrations and all but one COD concentration exceeded the benchmarks. TSS, BOD, and pH concentrations were acceptable. Oil & grease was not detected.

Gainard Woods
The analytical results indicate J-flagged data for VOCs (chloroform and methylene chloride) and SVOCs (bis(2-ethylhexyl)phthalate, di-n-butyl phthalate, fluoranthene, phenanthrene, and pyrene). TPH-D was consistently detected at

low concentrations; TPH-O was not detected. All metals were detected except arsenic, beryllium, cadmium, chromium, copper, mercury, selenium, and thallium; silver was detected above the benchmark on three occasions. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS concentrations exceeded the benchmark during the first half of the sampling events. BOD and pH concentrations were acceptable. Oil & grease was not detected.

Sunrise 1

The analytical results indicate J-flagged data for VOCs (carbon disulfide, methylene chloride, and trichloroethene) and SVOCs (di-n-butyl phthalate, bis2-ethylhexyl)phthalate, fluoranthene, and pyrene). TPH-D was detected only twice; TPH-O was not detected. All metals were detected except antimony, arsenic, beryllium, chromium, copper, mercury, nickel, and thallium; silver was detected above the benchmark on two occasions. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. Approximately one-half of the TSS concentrations exceeded the benchmark. BOD and pH concentrations were acceptable. Oil & grease was not detected.

Sunrise 2

The analytical results indicate J-flagged data for VOCs (carbon disulfide, methylene chloride, and toluene) and SVOCs (di-n-butyl phthalate, dimethylphthalate, bis(2-ethylhexyl)phthalate, fluoranthene, and pyrene). TPH-D was detected only twice; TPH-O was not detected. All metals were detected except antimony, arsenic, beryllium, chromium, copper, mercury, and thallium; cadmium (J-flagged) and silver were detected above the benchmarks. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. Three TSS concentrations exceeded the benchmark. BOD and pH concentrations were acceptable. Oil & grease was not detected.

Triumph

The analytical results indicate J-flagged data for VOCs (methylene chloride and trichloroethene) and SVOCs (di-n-butyl phthalate and dimethylphthalate). TPH-D was detected at low concentrations; TPH-O was detected once. All metals were detected except antimony, arsenic, beryllium, chromium, copper, mercury, and thallium; silver was detected above the benchmark on two occasions. All COD, ammonia, and cyanide concentrations exceeded the benchmarks. TSS exceeded the benchmark once. BOD and pH concentrations were acceptable. Oil & grease was not detected.

Duvic

The analytical results indicate J-flagged data for VOCs (methylene chloride) and SVOCs (di-n-butyl phthalate and dimethylphthalate). TPH-D was consistently detected at low concentrations; TPH-O was detected once. All metals were detected except antimony, arsenic, beryllium, copper, mercury, and thallium; silver was detected above the benchmark on three occasions. All COD,

ammonia, and cyanide concentrations exceeded the benchmarks. Three TSS concentrations exceeded the benchmark. BOD and pH concentrations were acceptable. Oil & grease was not detected.

Grand Liard

The analytical results indicate J-flagged data for VOCs (methylene chloride and trichloroethene) and SVOCs (di-n-butyl phthalate). In addition, methylene chloride and dimethylphthalate were detected above the reporting limit. TPH-D was detected at low concentrations; TPH-O was not detected. All metals were detected except antimony, arsenic, beryllium, chromium, copper, mercury, selenium, and thallium; silver and zinc were detected above the benchmarks. All COD, ammonia, and cyanide concentrations and one TSS concentration exceeded the benchmarks. BOD and pH concentrations were acceptable. Oil & grease was not detected.

Based on the analytical results, there are no major concerns with contaminants in the discharge water. The low levels and J-flagged concentrations of SVOCs and VOCs are mostly laboratory contaminants (in fact, in the case of methylene chloride, most of the trip and field blanks contained concentrations of methylene chloride; therefore, it is likely the analytical results reflect concentrations originating in the laboratory). Other analytes (PAHs, trichloroethene, toluene, bromoform, etc.) were not present in concentrations that warrant concern. TPH-D and TPH-O concentrations were consistently low. The highest concentrations were detected in the initial samples from the Point a la Hache pumping station, and these subsided after the first few sampling events. These contaminants were likely associated with surface runoff. Silver and zinc are the only metals detected above the benchmarks; there are no patterns observed with the exceedances, therefore these concentrations are likely associated with solids suspended in the samples. Ammonia and COD were consistently detected above the benchmarks. The COD levels are consistent with what would be expected from naturally occurring humus material. The ammonia concentrations are likely associated with degradation. The BOD levels were not high; therefore the COD and ammonia concentrations are not likely associated with sewage.

Data Quality

Overall, the data are of acceptable quality. As previously mentioned, laboratory contaminants were detected in the field and trip blanks; it is likely these contaminants originated from the laboratory as the blanks were obtained from the laboratory. In general, standard qualifiers for the analytical results were poor recoveries, matrix interference, and sample dilution related to high analyte concentration and interference.

4.0 Recommendations

The analytical results from the pumping station water sampling program do not suggest that any corrective action is necessary for the discharge water. MMG recommends that pumping operations continue with no changes or treatment.

Table 1: Summary of Pumping Station Analytical Results – Belle Chase # 1

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	**0.00119J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroisopropyl) ether	NS	<0.005	<0.0051	<0.005	<0.0052	<0.005	<0.005	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0017J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	**0.0021J**	<0.005	<0.0052	<0.005	<0.005	**0.0021J**	<0.005
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.0051	<0.005	<0.0052	<0.005	<0.005	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.026	<0.025	<0.026	<0.025	<0.025	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.0051	<0.005	<0.0052	<0.005	<0.005	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Nitrophenol	NS	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.051	<0.050	<0.052	<0.050	<0.050	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
alpha-BHC	NS	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
beta-BHC	NS	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
delta-BHC	NS	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
gamma-BHC	0.00016	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
alpha-Chlordane	0.00009	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
gamma-Chlordane	0.00009	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
4,4'-DDD	0.00125	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
4,4'-DDE	0.0007	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
4,4'-DDT	0.00013	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Dieldrin	0.00071	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endosulfan I	0.000034	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
Endosulfan II	0.000034	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endosulfan sulfate	0.000034	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endrin	0.000037	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endrin aldehyde	NS	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endrin ketone	NS	<0.0011	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Heptachlor	0.000053	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
Heptachlor epoxide	0.000053	<0.00054	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00027	<0.00025
Methoxychlor	NS	<0.0054	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0027	<0.0025
Toxaphene	0.00021	<0.054	<0.05	<0.05	<0.025	<0.025	<0.025	<0.027	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.00054	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Arochlor-1221	NS	<0.00054	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Arochlor-1232	NS	<0.00054	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Arochlor-1242	NS	<0.00054	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Arochlor-1248	NS	<0.00054	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Arochlor-1254	NS	<0.00054	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Arochlor-1260	NS	<0.00054	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
TPH-G	NS	<0.050	<0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**1.42**	**2.27**	<0.250	<0.250	<0.250	<0.250	<0.250	**0.165**
TPH-O	NS	**1.67**	**2.92**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.0704J**	**0.0934J**	**0.132J**	<0.2	**0.318**	<0.2	<0.2	**0.087J**
Antimony	NS	<0.06	**0.0135J**	<0.06	<0.06	<0.06	<0.06	<0.06	**0.0141J**
Arsenic	0.069	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	**0.00776J**	<0.01
Barium	NS	**0.242**	**0.212**	**0.235**	**0.18J**	**0.206**	**0.197J**	**0.234**	**0.227**
Beryllium	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**89**	**85.5**	**91.8**	**65.6**	**80**	**72.1**	**86.5**	**84.1**
Chromium	1.1	**0.00679J**	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00161J**	**0.00141J**
Cobalt	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	0.0048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.186**	**0.369**	**0.203**	<0.1	**0.120**	<0.1	**0.177**	**0.0571J**
Lead	0.210	**0.00938**	**0.00913**	**0.0162**	**0.00665**	**0.0067**	**0.0101**	**0.0107**	**0.012**
Magnesium	NS	**111**	**100**	**107**	**76.3**	**85.3**	**79.5**	**90.3**	**88.5**
Manganese	NS	**0.610**	**0.311**	**0.243**	**0.116**	**0.0621**	**0.0806**	**0.0886**	**0.309**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	**0.00345J**	**0.00328J**	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**43.4**	**37.9**	**40.3**	**26.3**	**30.1**	**26.5**	**29.9**	**29.4**
Selenium	0.290	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	**0.0143J**
Silver	0.0019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium	NS	**857**	**945**	**893**	**748**	**680**	**773**	**794**	**755**

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Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00813J**	<0.010
Vanadium	NS	**0.00791J**	**0.0124J**	**0.0141J**	**0.0126J**	**0.0128J**	**0.0133J**	**0.0188J**	**0.00515J**
Zinc	0.090	<0.02	**0.0303**	**0.0431**	<0.02	**0.00725J**	**0.00604J**	<0.02	<0.02
Ammonia	0.03	**0.741**	**0.273**	**0.240**	**0.240**	**0.230**	**0.206**	<0.1	**0.385**
TSS	45	**21.0**	**19.0**	**14.0**	**11.0**	<4.0	**17.0**	**9.0**	**4.0**
TOC	0.10%	**32.5**	**31.1**	**29.7**	**27.2**	**25.9**	**29.1**	**24.1**	**22.0**
BOD	45	**13.7**	**7.53**	**10.8**	**7.14**	<2.0	<2.0	<2.0	<2.0
COD	45	**61.0**	**78.0**	**57.0**	**64.0**	**51.0**	**52.0**	**54.0**	**52.0**
Oil & Grease	15	**10.5**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	**0.0150**	<0.01	**0.0163**	<0.01
pH	6.0-9.0	**7.24**	**8.51**	**7.90**	**8.48**	**8.25**	**7.75**	**8.36**	**7.77**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 2: Summary of Pumping Station Analytical Results – Belle Chase # 2

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.00776J**	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	**0.00079J**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	**0.0011J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.0051	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	**0.0015J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.011	**0.002J**	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	**0.0021J**	<0.005	<0.0053	<0.005	<0.0051	<0.005	**0.0022J**
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.0051	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.026	<0.025	<0.025	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.0051	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.053	<0.050	<0.051	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**0.624**	**3.02**	<0.250	<0.250	<0.250	<0.250	**0.468**	**0.194**
TPH-O	NS	**0.597**	**3.97**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.237**	**0.0553J**	**0.450**	<0.2	**0.256**	<0.2	<0.2	**0.0872J**
Antimony	NS	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.243**	**0.234**	**0.206**	**0.174J**	**0.182J**	**0.176J**	**0.196J**	**0.201**
Beryllium	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**79.1**	**86.5**	**85.9**	**66.3**	**79.2**	**71.6**	**83.4**	**77.9**
Chromium	1.1	**0.00657J**	<0.01	**0.00265J**	**0.00602J**	**0.00258J**	<0.01	**0.00224J**	**0.00415J**
Cobalt	NS	<0.01	**0.00124J**	<0.01	**0.00103J**	**0.000852J**	**0.000888J**	<0.01	<0.01
Copper	0.0048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.557**	**0.571**	**0.334**	**0.297**	**0.287**	**0.197**	**0.583**	**0.264**
Lead	0.210	**0.0114**	**0.00924**	**0.0121**	**0.006**	**0.0072**	**0.0075**	**0.00619**	**0.00684**
Magnesium	NS	**96.3**	**98.5**	**93.7**	**74.4**	**82.7**	**75.6**	**86.8**	**79.8**
Manganese	NS	**1.0**	**0.923**	**0.444**	**0.411**	**0.248**	**0.178**	**0.153**	**0.372**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	**0.00326J**	**0.0079J**	**0.00836J**	**0.00577J**	**0.00688J**	**0.00632J**	**0.00753J**	**0.00676J**
Potassium	NS	**36.1**	**36.9**	**33.4**	**25.1**	**28.1**	**24.6**	**28**	**25.6**
Selenium	0.290	<0.035	<0.035	<0.035	<0.035	**0.015J**	<0.035	<0.035	**0.0173J**
Silver	0.0019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	802	823	740	698	673	691	727	708
Thallium	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00971J	<0.010
Vanadium	NS	0.00847J	0.0133J	0.0137J	0.0127J	0.0121J	0.0137J	0.0171J	0.00479J
Zinc	0.090	<0.02	0.0142J	0.0141J	0.00797J	0.0104J	<0.02	0.0147J	<0.02
Ammonia	0.03	1.43	1.52	0.580	0.580	0.208	0.273	0.188	0.532
TSS	45	16.0	9.0	7.0	4.0	14.0	19.0	32.0	<4.0
TOC	0.10%	32.4	37.7	36.4	31.5	31.2	35.2	30.4	29.4
BOD	45	13.1	4.95	7.77	6.72	24.1	11.6	19.0	<2.0
COD	45	83.0	96.9	67.0	72.0	71.0	82.0	107	83.0
Oil & Grease	15	6.9	13.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	0.0250	<0.01	0.0163	0.0134
pH	6.0-9.0	7.64	8.19	7.44	7.85	8.77	7.89	8.77	7.42

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 3: Summary of Pumping Station Analytical Results – Braithwaite

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	**0.00116J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.0051	<0.0051	<0.005	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0014J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	**0.0015J**	<0.005	<0.0051	<0.0051	<0.005	**0.0043J**	<0.005
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.0051	<0.0051	<0.005	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.0051	<0.0051	<0.005	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.051	<0.051	<0.050	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**2.25**	**1.51**	**0.271**	**0.505**	**0.328**	**1.63**	**0.669**	**0.641**
TPH-O	NS	**2.35**	**1.80**	<0.500	<0.500	<0.500	**1.13**	<0.500	**0.224**
Aluminum	NS	**0.333**	**0.283**	**0.749**	**0.313**	**0.595**	**0.252**	**0.363**	**0.624**
Antimony	NS	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	**0.0083J**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.247**	**0.262**	**0.279**	**0.204**	**0.276**	**0.235**	**0.272**	**0.265**
Beryllium	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**101**	**109**	**110**	**90.4**	**112**	**95.8**	**113**	**104**
Chromium	1.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00178J**	**0.00136J**
Cobalt	NS	**0.000815J**	**0.00118J**	**0.00116J**	**0.000977J**	**0.00105J**	**0.00128J**	**0.00122J**	**0.000956J**
Copper	0.0048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.619**	**0.659**	**1.03**	**0.638**	**0.925**	**0.678**	**0.782**	**1.02**
Lead	0.210	**0.0146**	**0.00976**	**0.013**	**0.00864**	**0.0125**	**0.00903**	**0.0157**	**0.0102**
Magnesium	NS	**109**	**116**	**117**	**103**	**121**	**104**	**120**	**112**
Manganese	NS	**1.1**	**0.974**	**1.27**	**0.880**	**1.35**	**1.22**	**1.47**	**0.829**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**44.3**	**47.8**	**46**	**38.6**	**46.4**	**37.6**	**42.3**	**39.3**
Selenium	0.290	<0.035	<0.035	<0.035	<0.035	<0.035	**0.016J**	<0.035	**0.0234J**
Silver	0.0019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium	NS	**853**	**936**	**883**	**913**	**965**	**959**	**986**	**975**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010
Vanadium	NS	**0.0103J**	**0.0149J**	**0.0163J**	**0.0145J**	**0.0143J**	**0.0149J**	**0.0218J**	**0.00756J**
Zinc	0.090	<0.02	**0.0125J**	**0.073**	**0.00665J**	**0.00803J**	**0.00586J**	**0.01J**	<0.02
Ammonia	0.03	**0.43**	**0.382**	**0.226**	**0.310**	**0.223**	**0.280**	**0.140**	**0.277**
TSS	45	**53.0**	**41.0**	**47.0**	**47.0**	**45.0**	**62.0**	**55.0**	**52.0**
TOC	0.10%	**46.3**	**42.3**	**45.5**	**37.6**	**37.4**	**42.8**	**35.8**	**36.4**
BOD	45	**21.6**	**11.4**	**19.0**	**11.7**	**11.2**	**9.9**	**11.8**	**17.1**
COD	45	**90.0**	**105**	**99.0**	**103**	**88.0**	**98.0**	**103**	**103**
Oil & Grease	15	**11.3**	**5.2**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	**0.0677**	<0.01	**0.0135**	**0.0147**
pH	6.0-9.0	**7.33**	**9.03**	**8.21**	**8.72**	**8.41**	**8.31**	**8.56**	**8.47**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data -- estimated concentration above the method detection limit and below the reporting limit

Table 4: Summary of Pumping Station Analytical Results – Scarsdale

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.022	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.022	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.0054	<0.005	<0.005	<0.0052	<0.0051	<0.005	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.022	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenz(a,h)anthracene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0013J**
1,2-Dichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.022	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	**0.0027J**	**0.0044J**	**0.003J**	<0.0052	<0.0051	<0.005	<0.005	<0.005
Fluoranthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.0054	<0.005	<0.005	<0.0052	<0.0051	<0.005	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.027	<0.025	<0.025	<0.026	<0.026	<0.025	<0.025	<0.025
Hexachloroethane	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.022	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.0054	<0.005	<0.005	<0.0052	<0.0051	<0.005	<0.005	<0.005
2-Nitroaniline	NS	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
3-Nitroaniline	NS	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
4-Nitroaniline	NS	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
Nitrobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
N-Nitroso-di-n-propylamine	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.054	<0.050	<0.050	<0.052	<0.051	<0.050	<0.050	<0.050
Phenanthrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0026	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**4.73**	**6.36**	**0.338**	**0.387**	**0.489**	**0.354**	**0.393**	**0.399**
TPH-O	NS	**5.74**	**8.32**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.225**	**0.171J**	**0.676**	**0.156J**	**0.551**	**0.0592J**	**0.270**	**0.452**
Antimony	NS	<0.06	**0.0135J**	<0.06	<0.06	<0.06	<0.06	**0.0142J**	<0.06
Arsenic	0.069	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00763J**	<0.01
Barium	NS	**0.315**	**0.307**	**0.331**	**0.281**	**0.330**	**0.292**	**0.343**	**0.280**
Beryllium	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**98.6**	**113**	**119**	**95.4**	**117**	**98.8**	**116**	**109**
Chromium	1.1	<0.01	<0.01	**0.00147J**	<0.01	<0.01	**0.00232J**	**0.00157J**	**0.0264**
Cobalt	NS	**0.00809J**	**0.00828J**	**0.00837J**	**0.00778J**	**0.0116**	**0.00967J**	**0.00552J**	**0.00278J**
Copper	0.0048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**8.73**	**7.98**	**8.35**	**7.12**	**14.7**	**8.97**	**5.79**	**2.38**
Lead	0.210	**0.0122**	**0.013**	**0.0126**	**0.011**	**0.0101**	**0.00849**	**0.0134**	**0.00844**
Magnesium	NS	**89.2**	**100**	**107**	**88.3**	**101**	**88.3**	**106**	**101**
Manganese	NS	**1.73**	**1.54**	**1.5**	**1.26**	**1.82**	**1.56**	**1.71**	**0.786**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	**0.013J**	**0.0202J**	**0.0226J**	**0.0221J**	**0.0292J**	**0.025J**	**0.0178J**	**0.0155J**
Potassium	NS	**33.3**	**37.6**	**37.8**	**29.4**	**32.9**	**27.3**	**34.3**	**32.6**
Selenium	0.290	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	**0.0143J**
Silver	0.0019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	727	773	788	752	772	797	877	873
Thallium	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	0.00843J	0.0134J	0.0162J	0.0152J	0.0145J	0.0138J	0.0196J	0.00582J
Zinc	0.090	<0.02	0.0171J	0.0289	0.0125J	0.00941J	0.0117J	0.00959J	<0.02
Ammonia	0.03	1.26	1.81	1.64	1.42	4.64	1.75	0.338	0.425
TSS	45	32.0	31.0	26.0	33.0	31.0	32.0	56.0	25.0
TOC	0.10%	60.3	56.0	62.8	56.1	65.5	70.6	54.8	56.6
BOD	45	20.3	10.0	14.0	11.0	9.36	10.7	8.76	12.4
COD	45	129	150	118	139	148	154	128	123
Oil & Grease	15	14.2	22.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	0.0121	<0.01	<0.01	0.0154	<0.01	0.0168	0.0139
pH	6.0-9.0	7.28	7.97	7.08	7.54	8.74	6.45	6.94	7.73

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 5: Summary of Pumping Station Analytical Results – Bellevue

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00131J**	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	**0.0015J**	<0.010	<0.010	**0.0061J**	<0.010	<0.010	<0.010	<0.010
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	**0.0027J**	**0.012**	<0.005	**0.002J**	<0.005	<0.005	<0.005	<0.005
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.026	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00026	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0026	<0.0025	<0.0025	<0.0026	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.026	<0.025	<0.025	<0.026	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.00051	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**3.42**	**23.2**	**0.469**	**10.5**	**0.268**	**1.60**	**0.379**	**0.386**
TPH-O	NS	**3.01**	**29.9**	<0.500	**5.19**	<0.500	**0.814**	<0.500	<0.150
Aluminum	NS	**0.339**	**0.456**	**0.111J**	<0.2	**0.170J**	<0.2	<0.2	**0.254**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	**0.00953J**	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.312**	**0.305J**	**0.282**	**0.236**	**0.247**	**0.232**	**0.216**	**0.286**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.005	<0.005	**0.00107J**	<0.005	<0.005	<0.005
Calcium	NS	**180**	**173**	**188**	**156**	**184**	**151**	**228**	**188**
Chromium	1.1	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	NS	**0.000895J**	<0.02	<0.01	<0.01	<0.01	**0.000852J**	**0.0012J**	**0.000847J**
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.376**	**0.239**	**0.209**	**0.215**	**0.163**	**0.136**	**0.308**	**0.294**
Lead	0.210	**0.0142**	**0.0149**	**0.00986**	**0.0264**	**0.0113**	**0.0097**	**0.0115**	**0.00785**
Magnesium	NS	**209**	**209**	**212**	**176**	**200**	**167**	**182**	**187**
Manganese	NS	**0.883**	**0.591**	**0.233**	**0.183**	**0.257**	**0.202**	**0.680**	**0.234**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.04	**<0.04**	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**81.8**	**69.1**	**77.6**	**61.0**	**71.4**	**55.9**	**53.6**	**62.8**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
Silver	0.0019	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	1750	1710	1790	1520	1700	1850	1440	1680
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	0.00292J	0.0193J	0.00742J	0.00944J	0.007J	0.00805J	0.0138J	<0.05
Zinc	0.090	0.0135J	0.0153J	0.0311	0.101	0.018J	0.00704J	<0.02	<0.02
Ammonia	0.03	0.258	0.370	0.178	0.204	0.224	0.199	<0.1	<0.102
TSS	45	36.0	68.0	18.0	16.0	13.0	13.0	20.0	12.0
TOC	0.10%	42.2	32.2	<2.0	22.8	33.2	34.8	16.6	26.2
BOD	45	11.1	15.9	<2.0	32.6	5.94	<2.0	<2.0	<2.0
COD	45	73.0	80.0	53.0	77.0	67.0	68.0	63.0	71.0
Oil & Grease	15	21.5	40.0	<5.0	12.9	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	0.0113	<0.01	<0.01	0.0252	<0.01	0.0132	0.0117
pH	6.0-9.0	7.43	7.78	7.75	8.35	8.51	7.83	7.83	8.05

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 6: Summary of Pumping Station Analytical Results – Pointe a la Hache

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00102J**	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.0052	<0.0056
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	**0.0063J**	<0.010	<0.010	<0.010	**0.0014J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
bis(2-ethylhexyl)phthalate	NS	**0.025**	**0.019**	**0.0018J**	**0.0034J**	<0.005	<0.0051	<0.0052	<0.0056
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.0052	<0.0056
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.026	<0.026	<0.028
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022
Naphthalene	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.0052	<0.0056
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011

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Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.052	<0.056
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00026
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0026	<0.0025	<0.0025	<0.0025	<0.0026
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.026	<0.025	<0.025	<0.025	<0.026
2,4-D	NS	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<2.50	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<2.50	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005	<0.0005	<0.0005	<0.00052
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**50.6**	**28.6**	**1.63**	**5.82**	**2.73**	**0.567**	**0.432**	**0.350**
TPH-O	NS	**61.4**	**38.2**	**1.89**	**6.37**	**3.75**	<0.500	<0.500	<0.150
Aluminum	NS	**3.55**	**5.34**	**0.418**	<0.2	**1.2**	<0.2	<0.2	**0.104J**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	**0.0138J**
Arsenic	0.069	**0.0117**	<0.02	<0.01	<0.01	<0.01	<0.01	**0.0118**	<0.01
Barium	NS	**0.532**	**0.617**	**0.391**	**0.343**	**0.408**	**0.390**	**0.529**	**0.430**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	**0.00116J**	<0.01	**0.000968J**	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**246**	**237**	**243**	**200**	**243**	**205**	**241**	**239**
Chromium	1.1	**0.00568J**	**0.00835J**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	NS	**0.00637J**	**0.00572J**	<0.01	**0.00114J**	<0.01	**0.00109J**	**0.00167J**	**0.00117J**
Copper	0.0048	**0.040**	**0.245**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**10.9**	**7.74**	**0.441**	**0.524**	**0.335**	**0.115**	**0.797**	**0.171**
Lead	0.210	**0.0616**	**0.075**	**0.0143**	**0.0147**	**0.00981**	**0.0083**	**0.0123**	**0.00635**
Magnesium	NS	**285**	**304**	**297**	**247**	**285**	**242**	**280**	**257**
Manganese	NS	**6.04**	**6.0**	**0.445**	**0.609**	**0.655**	**0.609**	**1.15**	**0.332**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	**0.0178J**	**0.0155J**	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**117**	**121**	**115**	**90.3**	**108**	**87.9**	**97.3**	**94.4**
Selenium	0.290	<0.035	<0.07	<0.035	**0.0141J**	**0.0142J**	<0.035	<0.035	**0.0147J**
Silver	0.0019	**0.00305J**	<0.02	**0.00273J**	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	2570	2950	2730	2330	2560	2750	2740	2600
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	0.00955J	0.0249J	0.00419J	0.00553J	0.00339J	0.00403J	0.0069J	<0.05
Zinc	0.090	0.280	0.936	0.0893	0.037	0.00818J	<0.02	0.014J	<0.02
Ammonia	0.03	0.807	0.799	0.223	0.254	0.264	0.176	<0.1	<0.106
TSS	45	99.0	51.0	43.0	36.0	25.0	33.0	39.0	19.0
TOC	0.10%	48.4	33.8	43.4	41.7	27.7	40.8	31.3	29.2
BOD	45	11.1	14.5	15.8	11.0	9.81	8.64	<2.0	<2.0
COD	45	700	143	385	124	93.0	106	87.0	87.0
Oil & Grease	15	137	40.8	7.0	17.8	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	0.0184	<0.01	0.0127	<0.01
pH	6.0-9.0	6.37	7.32	8.03	8.89	8.74	7.79	7.94	8.14

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 7: Summary of Pumping Station Analytical Results – Ollie #1

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00117J**	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	**0.0013J**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	**0.0018J**	**0.0032J**	**0.0021J**	<0.005	<0.0051	<0.005	<0.005
Fluoranthene	NS	<0.010	<0.010	**0.0011J**	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.051	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	**0.0003J**	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00026	<0.00025	<0.00025	<0.00025	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0026	<0.0025	<0.0025	<0.0025	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.026	<0.025	<0.025	<0.025	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.00053	<0.0005	<0.0005	<0.0005	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**1.25**	**3.30**	**0.271**	**0.338**	**0.251**	<0.250	<0.250	**0.693**
TPH-O	NS	**1.44**	**4.16**	<0.500	<0.500	<0.500	<0.500	<0.500	**0.279**
Aluminum	NS	**0.099J**	**0.363J**	**0.685**	<0.2	**0.196J**	<0.2	<0.2	**0.329**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	**0.0151J**
Arsenic	0.069	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.155J**	**0.18J**	**0.152J**	**0.133J**	**0.142J**	**0.128J**	**0.157J**	**0.167J**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**67.7**	**74.9**	**76.2**	**63.1**	**73.4**	**62.9**	**79.7**	**77.7**
Chromium	1.1	<0.01	<0.02	**0.00153J**	<0.01	<0.01	<0.01	<0.01	**0.00174J**
Cobalt	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.229**	**0.713**	**0.189**	**0.207**	**0.161**	**0.0919J**	<0.1	**0.625**
Lead	0.210	**0.0109**	**0.0131**	**0.0136**	**0.00637**	**0.00934**	**0.00882**	**0.0119**	**0.00729**
Magnesium	NS	**42.7**	**45.4**	**47.9**	**40.6**	**45.9**	**40.3**	**50.9**	**48.7**
Manganese	NS	**0.842**	**0.875**	**0.408**	**0.254**	**0.164**	**0.136**	**0.308**	**0.813**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**16.2**	**17**	**19.5**	**15.3**	**16.8**	**13.7**	**16.9**	**16.6**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
Silver	0.0019	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	353	354	399	343	374	368	420	405
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	0.00729J	0.0134J	0.011J	0.00945J	0.00952J	0.0124J	0.0155J	0.0045J
Zinc	0.090	<0.02	0.0246J	0.0345	0.0203	0.00738J	<0.02	0.00608J	<0.02
Ammonia	0.03	0.418	0.397	0.536	0.449	0.238	0.187	<0.1	0.700
TSS	45	16.0	24.0	12.0	17.0	10.0	94.0	5.0	70.0
TOC	0.10%	37.4	28.5	23.8	22.0	43.8	38.9	20.8	24.8
BOD	45	16.4	14.2	<2.0	12.3	10.3	10.7	<2.0	13.7
COD	45	54.0	68.0	45.0	80.0	63.0	63.0	44.0	68.0
Oil & Grease	15	9.0	9.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	0.136	0.0101	0.0145	0.0125
pH	6.0-9.0	7.55	8.69	7.51	7.91	8.76	8.34	7.44	7.52

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 8: Summary of Pumping Station Analytical Results – Ollie #2

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00121J**	**0.00142J**	<0.005	**0.0022J**	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	**0.00124J**	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	**0.001J**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.0051	<0.005	**0.002J**	<0.005	<0.005	<0.005	<0.005
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.026	<0.025	<0.026	<0.025	<0.025	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.00051
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0026	<0.0026
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.026	<0.026
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00051
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00051
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00051
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00051
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00051
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00051
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00051
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**1.13**	**0.783**	**0.259**	<0.250	**0.268**	**0.391**	**0.296**	**0.260**
TPH-O	NS	**1.27**	**0.857**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.0928J**	**0.421**	<0.200	<0.2	**0.233**	<0.2	<0.2	**0.115J**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	**0.0136J**
Arsenic	0.069	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.142J**	**0.158J**	**0.153J**	**0.136J**	**0.137J**	**0.129J**	**0.154J**	**0.143J**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**70.7**	**83**	**80.6**	**69.7**	**74.5**	**63.4**	**86.5**	**79**
Chromium	1.1	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	**0.000811J**
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.111**	**0.207**	**0.113**	<0.1	**0.0683J**	<0.1	**0.190**	**0.156**
Lead	0.210	**0.00881**	**0.0133**	**0.0115**	**0.00469J**	**0.00967**	**0.0104**	**0.00754**	**0.00841**
Magnesium	NS	**44.8**	**51.2**	**52.5**	**45.6**	**48.6**	**41.6**	**57.5**	**52**
Manganese	NS	**0.406**	**0.23**	**0.252**	**0.148**	**0.167**	**0.138**	**0.174**	**0.113**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**17.3**	**18.6**	**19.3**	**16.4**	**17.6**	**14.2**	**19.2**	**17**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
Silver	0.0019	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	**354**	**397**	**441**	**377**	**407**	**381**	**473**	**439**
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	**0.00847J**	**0.0153J**	**0.0113J**	**0.0111J**	**0.0102J**	**0.0116J**	**0.0168J**	**0.00521J**
Zinc	0.090	**0.0826**	<0.04	**0.0277**	**0.00693J**	<0.02	<0.02	**0.00786J**	<0.02
Ammonia	0.03	**0.226**	**0.276**	**0.186**	**0.148**	**0.199**	**0.164**	<0.1	**0.210**
TSS	45	**15.0**	**11.0**	**13.0**	<4.0	**11.0**	**18.0**	**8.0**	<4.0
TOC	0.10%	**37.6**	**25.7**	**24.8**	**20.5**	**25.2**	**28.6**	**23.9**	**23.0**
BOD	45	**13.6**	**11.4**	**8.55**	**12.4**	**7.23**	**11.2**	<2.0	**4.32**
COD	45	**52.0**	**56.0**	**50.0**	**62.0**	**58.0**	**68.0**	**53.0**	**56.0**
Oil & Grease	15	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	**0.0137**	**0.0100**	**0.0115**	<0.01
pH	6.0-9.0	**7.96**	**8.63**	**7.48**	**8.06**	**8.91**	**8.73**	**7.52**	**7.85**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 9: Summary of Pumping Station Analytical Results – Ollie #3

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00121J**	**0.00128J**	<0.005	**0.00226J**	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	**0.00093J**	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.0051
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	**0.0061J**	<0.010	<0.010	<0.010	<0.010
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.005	<0.005	**0.180**	<0.005	<0.005	<0.005	<0.0051
Fluoranthene	NS	**0.0016J**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.0051
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.026	<0.025	<0.025	<0.025	<0.026
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.005	<0.005	<0.0051
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.050	<0.051
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00028	<0.00025	<0.00025	<0.00025	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0028	<0.0025	<0.0025	<0.0025	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.028	<0.025	<0.025	<0.025	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.00056	<0.0005	<0.0005	<0.0005	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**0.813**	**0.440**	<0.250	**0.337**	<0.250	<0.250	**0.431**	**0.236**
TPH-O	NS	**0.833**	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.181J**	**0.842**	**0.445**	**0.0579J**	**0.565**	<0.2	<0.2	**0.337**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	**0.016J**
Arsenic	0.069	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.138J**	**0.291J**	**0.276**	**0.172J**	**0.275**	**0.262**	**0.154J**	**0.144J**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**70.1**	**92.2**	**95.3**	**73.1**	**88.9**	**84.3**	**81.7**	**78.3**
Chromium	1.1	**0.00136J**	<0.02	<0.01	<0.01	<0.01	<0.01	**0.026**	<0.01
Cobalt	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.150**	**0.924**	**0.738**	**0.638**	**0.683**	**0.224**	**0.270**	**0.208**
Lead	0.210	**0.0117**	**0.0104**	**0.0126**	**0.00695**	**0.00974**	**0.00957**	**0.00755**	**0.00581**
Magnesium	NS	**44.8**	**129**	**132**	**48.7**	**118**	**121**	**55.7**	**52.3**
Manganese	NS	**0.259**	**0.556**	**0.356**	**0.805**	**0.485**	**0.356**	**0.238**	**0.104**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**17.1**	**45.6**	**50.1**	**17.9**	**43.9**	**43.5**	**19**	**17**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	**0.0173J**
Silver	0.0019	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium	NS	**358**	**1080**	**1130**	**411**	**1040**	**1200**	**474**	**457**
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	**0.00907J**	**0.0192J**	**0.0133J**	**0.0119J**	**0.0118J**	**0.0129J**	**0.0173J**	**0.00471J**
Zinc	0.090	**0.00993J**	<0.02	**0.0141J**	**0.0215**	**0.0136J**	<0.02	<0.02	<0.02
Ammonia	0.03	**0.197**	**0.560**	**0.154**	**0.559**	**0.322**	**0.314**	<0.1	**0.200**
TSS	45	**5.0**	**27.0**	**36.0**	**95.0**	**11.0**	**18.0**	**13.0**	<4.0
TOC	0.10%	**33.7**	**19.4**	**21.6**	**29.7**	**28.5**	**32.2**	**21.4**	**23.0**
BOD	45	**13.0**	**6.42**	**11.8**	**16.6**	**10.4**	**7.02**	<2.0	<2.0
COD	45	**54.0**	**55.0**	**58.0**	**83.0**	**59.0**	**59.0**	**55.0**	**114**
Oil & Grease	15	6.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	**0.0192**	**0.0115**	**0.0122**	**0.0174**
pH	6.0-9.0	**7.90**	**8.77**	**7.41**	**8.38**	**8.84**	**8.79**	**7.77**	**7.97**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 10: Summary of Pumping Station Analytical Results – West Pointe a la Hache

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	**0.00071J**	**0.00086J**	**0.00095J**	<0.005	<0.005	<0.005	<0.005	**0.00161J**
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00379J**
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	**0.00118J**	**0.00126J**	**0.00195J**	<0.005	<0.005	<0.005	<0.005	**0.00201J**
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00213J**
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	**0.00122J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.022	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.022	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.005	<0.0056	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.022	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010

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Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.022	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	**0.0019J**	<0.010	<0.011	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
bis(2-ethylhexyl)phthalate	NS	**0.0016J**	<0.005	<0.005	<0.0051	<0.005	<0.005	<0.0056	**0.0088**
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.005	<0.0056	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.028	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.022	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.005	<0.0056	<0.005
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010

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Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.051	<0.050	<0.050	<0.056	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.00056
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.0005	<0.00025	<0.00025	<0.00028
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0028
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.05	<0.025	<0.025	<0.028
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

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Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00056
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00056
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00056
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00056
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00056
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00056
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00056
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	<0.25	<0.25	**0.303**	**0.353**	**1.99**	**0.540**	**0.339**	**0.282**
TPH-O	NS	<0.5	<0.5	<0.5	<0.500	**0.691**	<0.500	<0.500	<0.150
Aluminum	NS	**0.493**	**0.494**	**1.26**	**0.721**	**0.712**	**0.326**	**0.711**	**0.207**
Antimony	NS	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.250**	**0.266**	**0.286**	**0.260**	**0.299**	**0.289**	**0.258**	**0.225**
Beryllium	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**117**	**125**	**123**	**106**	**128**	**111**	**104**	**104**
Chromium	1.1	<0.01	<0.01	<0.01	**0.00166J**	<0.01	**0.00529J**	**0.00207J**	<0.01
Cobalt	NS	<0.01	**0.00115J**	<0.01	**0.00101J**	**0.00092J**	**0.0009J**	**0.000919J**	**0.000934J**
Copper	0.0048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.852**	**1.15**	**1.8**	**2.28**	**1.36**	**1.15**	**1.48**	**0.915**
Lead	0.210	**0.0115**	**0.00989**	**0.0106**	**0.0111**	**0.0106**	**0.0108**	**0.0118**	**0.00934**
Magnesium	NS	**107**	**102**	**93.3**	**83.3**	**113**	**107**	**95.1**	**91.7**
Manganese	NS	**0.578**	**0.568**	**0.738**	**0.787**	**0.764**	**0.714**	**0.489**	**0.390**
Mercury	0.0018	**0.0000645J**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**35.8**	**33**	**27.5**	**22.7**	**34.5**	**30.5**	**27.4**	**25.3**
Selenium	0.290	<0.035	<0.035	<0.035	<0.035	**0.0175J**	<0.035	<0.035	**0.0162J**
Silver	0.0019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	888	836	700	731	926	1090	816	807
Thallium	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	0.00893J	0.0141J	0.0165J	0.0161J	0.0128J	0.0138J	0.0222J	0.00579J
Zinc	0.090	<0.02	0.0112J	0.0141J	0.0244	0.0223	0.0096J	0.0185J	<0.02
Ammonia	0.03	0.443	0.170	0.239	0.176	0.346	0.210	<0.1	<0.100
TSS	45	13.0	22.0	67.0	72.0	184	60.0	103	20.0
TOC	0.10%	25.6	22.1	26.2	26.7	37.4	50.8	22.9	23.8
BOD	45	29.8	7.38	23.3	18.0	94.6	17.6	11.1	11.4
COD	45	38.0	50.0	58.0	95.0	432	84.0	78.0	54.0
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	0.0139	<0.01	0.0215	0.138
pH	6.0-9.0	7.81	8.47	7.53	8.45	9.43	8.32	9.25	8.81

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 11: Summary of Pumping Station Analytical Results – Diamond

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	**0.00101J**	<0.005	<0.005	**0.00107J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.00045J**
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.0051	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0014J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.0051	**0.0017J**
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.0051	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.0051	<0.005
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.051	<0.050	<0.051	<0.051	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	<0.25	<0.25	<0.250	<0.250	<0.250	<0.250	**0.290**	**0.228**
TPH-O	NS	<0.5	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.394**	<0.2	**0.431**	<0.2	**0.115J**	<0.2	**0.543**	**0.0799J**
Antimony	NS	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.443**	**0.468**	**0.468**	**0.419**	**0.457**	**0.448**	**0.567**	**0.453**
Beryllium	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.005	**0.00164J**	<0.005	<0.005	<0.005	**0.00115J**	<0.005
Calcium	NS	**194**	**218**	**212**	**190**	**203**	**176**	**217**	**203**
Chromium	1.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	NS	**0.00185J**	**0.00159J**	**0.000894J**	**0.00162J**	**0.00169J**	**0.002J**	**0.00785J**	**0.00174J**
Copper	0.0048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.996**	**0.842**	**0.975**	**0.726**	**1.14**	**0.760**	**4.06**	**0.872**
Lead	0.210	**0.0125**	**0.00871**	**0.013**	**0.00884**	**0.00771**	**0.00994**	**0.00802**	**0.00884**
Magnesium	NS	**198**	**215**	**219**	**199**	**204**	**183**	**224**	**206**
Manganese	NS	**0.369**	**0.321**	**0.254**	**0.249**	**0.442**	**0.387**	**1.48**	**0.194**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	**0.00549J**	**0.00429J**	**0.00417J**	**0.00348J**	**0.00521J**	**0.016J**	**0.0049J**
Potassium	NS	**71.3**	**80**	**78.3**	**68.7**	**70.6**	**59.9**	**71.8**	**72.4**
Selenium	0.290	<0.035	<0.035	<0.035	<0.035	**0.015J**	<0.035	<0.035	**0.0205J**
Silver	0.0019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	1780	1730	1880	1750	1870	2100	2140	2110
Thallium	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	0.00164J	0.00536J	0.00885J	0.00782J	0.00648J	0.00686J	0.0143J	<0.05
Zinc	0.090	0.00919J	0.0171J	0.0754	0.0109J	0.0204	0.00587J	0.0395	<0.02
Ammonia	0.03	0.562	0.845	0.523	0.405	0.743	0.292	<0.1	0.290
TSS	45	20.0	4.0	18.0	13.0	23.0	24.0	33.0	12.0
TOC	0.10%	38.5	33.0	32.9	33.8	35.2	47.8	29.7	23.4
BOD	45	12.2	<2.0	4.29	7.02	8.19	3.6	<2.0	4.26
COD	45	68.0	69.0	68.0	69.0	61.0	74.0	75.0	70.0
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	0.0188	<0.01	<0.01	0.0141	<0.01	0.0108	0.0118
pH	6.0-9.0	7.48	7.72	7.44	7.36	7.40	7.41	7.92	7.60

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 12: Summary of Pumping Station Analytical Results – Diamond - duplicate

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	**0.00105J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Anthracene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.053	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.021	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbazole	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.021	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.0053	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.021	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Chrysene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0013J**
1,2-Dichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.021	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.053	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.053	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.0053	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005
Fluoranthene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluorene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.0053	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.026	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025	<0.025
Hexachloroethane	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isophorone	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.021	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Naphthalene	NS	<0.0053	<0.005	<0.005	<0.0051	<0.005	<0.0051	<0.005	<0.005
2-Nitroaniline	NS	<0.053	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
3-Nitroaniline	NS	<0.053	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
4-Nitroaniline	NS	<0.053	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
Nitrobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
4-Nitrophenol	NS	<0.053	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.011	<0.050	<0.050	<0.051	<0.050	<0.051	<0.050	<0.050
Phenanthrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Phenol	0.58	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Pyrene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-BHC	NS	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
beta-BHC	NS	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
delta-BHC	NS	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-BHC	0.00016	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan I	0.000034	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Heptachlor	0.000053	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.00052	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Methoxychlor	NS	<0.005	<0.0052	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Toxaphene	0.00021	<0.05	<0.052	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.00052	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1221	NS	<0.0005	<0.00052	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1232	NS	<0.0005	<0.00052	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1242	NS	<0.0005	<0.00052	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1248	NS	<0.0005	<0.00052	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1254	NS	<0.0005	<0.00052	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1260	NS	<0.0005	<0.00052	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	<0.25	<0.25	**0.32**	**0.280**	<0.250	**0.293**	**0.325**	**0.224**
TPH-O	NS	<0.5	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.239**	**0.0353J**	**0.109J**	**0.0812J**	**0.269**	**0.0374J**	**0.499**	**0.111J**
Antimony	NS	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	**0.0159J**
Arsenic	0.069	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.452**	**0.467**	**0.445**	**0.425**	**0.485**	**0.440**	**0.545**	**0.449**
Beryllium	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.005	**0.00161J**	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**203**	**223**	**207**	**190**	**216**	**176**	**214**	**200**
Chromium	1.1	<0.01	<0.01	<0.01	<0.01	**0.00582J**	<0.01	<0.01	<0.01
Cobalt	NS	**0.00156J**	**0.00168J**	<0.01	**0.00166J**	**0.00176J**	**0.00184J**	**0.00201J**	**0.00158J**
Copper	0.0048	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.977**	**0.938**	**0.735**	**0.690**	**1.25**	**0.805**	**1.91**	**0.831**
Lead	0.210	**0.00723**	**0.00655**	**0.00759**	**0.0104**	**0.00988**	**0.00972**	**0.0136**	**0.00773**
Magnesium	NS	**206**	**219**	**215**	**199**	**216**	**183**	**221**	**204**
Manganese	NS	**0.374**	**0.323**	**0.213**	**0.248**	**0.476**	**0.378**	**0.345**	**0.190**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	**0.0067J**	**0.00522J**	**0.00406J**	**0.00401J**	**0.00537J**	**0.00582J**	**0.00424J**
Potassium	NS	**75**	**82.1**	**76.3**	**68.6**	**75.7**	**59.6**	**70.9**	**71.4**
Selenium	0.290	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
Silver	0.0019	<0.01	<0.01	**0.00208J**	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium	NS	**1730**	**1820**	**1890**	**1760**	**1740**	**1890**	**2090**	**2060**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	**0.00206J**	**0.00644J**	**0.00768J**	**0.0086J**	**0.00565J**	**0.00722J**	**0.0126J**	<0.05
Zinc	0.090	**0.329**	**0.0269**	**0.0588**	**0.0136J**	**0.0291**	<0.02	**0.00836J**	<0.02
Ammonia	0.03	**0.446**	**0.892**	**0.535**	**0.398**	**0.842**	**0.335**	<0.1	**0.243**
TSS	45	**17.0**	**17.0**	**16.0**	**13.0**	**11.0**	**26.0**	**46.0**	**5.0**
TOC	0.10%	**38.6**	**25.3**	**30.2**	**33.2**	**31.3**	**40.0**	**29.1**	**23.6**
BOD	45	**12.1**	<2.0	**9.03**	**6.84**	**5.5**	<2.0	<2.0	<2.0
COD	45	**64.0**	**68.0**	**82.0**	**70.0**	**60.0**	**74.0**	**77.0**	**130**
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	**0.0219**	<0.01	<0.01	**0.0220**	<0.01	**0.0123**	**0.0121**
pH	6.0-9.0	**7.77**	**7.48**	**7.44**	**7.38**	**7.46**	**7.35**	**7.84**	**7.59**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 13: Summary of Pumping Station Analytical Results – Hayes

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	**0.00106J**	<0.005	<0.005	**0.00095J**	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	**0.00104J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0053	<0.0056	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	**0.0014J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0053	<0.0056	<0.005
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0053	<0.0056	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.026	<0.028	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.022	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.0051	<0.005	<0.0053	<0.0056	<0.005
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.051	<0.050	<0.053	<0.056	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00052
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00026
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0026	<0.0026
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.026	<0.026
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	**0.00044J**	**0.00042J**	**0.00029J**	<0.0005	<0.00052
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**0.315**	<0.25	**0.268**	<0.250	**0.256**	**0.333**	**0.320**	**0.411**
TPH-O	NS	<0.5	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	**0.323**
Aluminum	NS	**0.123J**	<0.4	**1.06**	<0.2	**0.0654J**	<0.2	<0.2	**0.335**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	**0.00968J**	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.334**	**0.335J**	**0.285**	**0.277**	**0.281**	**0.266**	**0.339**	**0.318**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**193**	**214**	**166**	**155**	**174**	**146**	**178**	**169**
Chromium	1.1	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00193J**
Cobalt	NS	<0.01	<0.02	<0.01	**0.00107J**	**0.000899J**	<0.01	<0.01	**0.000955J**
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	<0.100	**0.436**	**0.819**	**0.435**	**0.463**	**0.0666J**	**0.331**	**0.141**
Lead	0.210	**0.0127**	**0.0175**	**0.010**	**0.007**	**0.00645**	**0.00767**	**0.0115**	**0.00932**
Magnesium	NS	**242**	**229**	**156**	**154**	**164**	**168**	**202**	**181**
Manganese	NS	**0.718**	**0.365**	**0.341**	**0.343**	**0.328**	**0.120**	**0.274**	**0.224**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Potassium	NS	**107**	**82.8**	**56.7**	**55.9**	**60.1**	**61.9**	**72.6**	**66.2**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	**0.0149J**
Silver	0.0019	<0.01	<0.02	**0.00251J**	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium	NS	**2320**	**1790**	**1330**	**1410**	**1320**	**1880**	**1920**	**1760**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	**0.0102**	<0.01
Vanadium	NS	<0.05	**0.0172J**	**0.0107J**	**0.00955J**	**0.00761J**	**0.00978J**	**0.0131J**	<0.05
Zinc	0.090	<0.02	<0.04	**0.0469**	**0.0132J**	**0.0111J**	<0.02	<0.02	<0.02
Ammonia	0.03	**0.5**	**0.350**	**0.494**	**0.385**	**0.275**	**0.173**	<0.1	**0.215**
TSS	45	**31.0**	**13.0**	**19.0**	**10.0**	**8.0**	**16.0**	**16.0**	**8.0**
TOC	0.10%	**31.1**	**19.6**	**24.5**	**25.7**	**32.4**	**42.0**	**21.4**	**18.3**
BOD	45	**14.8**	**8.91**	**8.46**	**7.44**	**3.69**	<2.0	<2.0	**3.57**
COD	45	**83.0**	**62.0**	**34.0**	**53.0**	**43.0**	**53.0**	**57.0**	**61.0**
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	**0.0511**	<0.01	<0.01	**0.0176**	<0.01	<0.01	**0.0109**
pH	6.0-9.0	**7.70**	**7.38**	**7.44**	**7.53**	**7.46**	**7.96**	**8.47**	**8.05**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 14: Summary of Pumping Station Analytical Results – Gainard Woods

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	**0.00114J**	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	**0.00108J**	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Benzoic acid	NS	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Benzyl alcohol	NS	<0.020	<0.021	<0.021	<0.020	<0.020	<0.020	<0.022	<0.021
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
4-Chloroaniline	NS	<0.020	<0.021	<0.021	<0.020	<0.020	<0.020	<0.022	<0.021
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.0052	<0.0052	<0.005	<0.005	<0.0051	<0.0056	<0.0053
4-Chloro-3-methylphenol	NS	<0.020	<0.021	<0.021	<0.020	<0.020	<0.020	<0.022	<0.021
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Di-n-butylphthalate	NS	**0.0013J**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0014J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
3,3'-Dichlorobenzidene	NS	<0.020	<0.021	<0.021	<0.020	<0.020	<0.020	<0.022	<0.021
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053
2,4-Dinitrophenol	NS	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.0052	<0.0052	<0.005	**0.0013J**	<0.0051	<0.0056	<0.0053
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0019J**	**0.0024J**
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Hexachlorobutadiene	0.0016	<0.005	<0.0052	<0.0052	<0.005	<0.005	<0.0051	<0.0056	<0.0053
Hexachlorocyclopentadiene	NS	<0.025	<0.026	<0.026	<0.025	<0.025	<0.026	<0.028	<0.026
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
4-Methylphenol	NS	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020	<0.022	<0.021
Naphthalene	NS	<0.005	<0.0052	<0.0052	<0.005	<0.005	<0.0051	<0.0056	<0.0053
2-Nitroaniline	NS	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053
3-Nitroaniline	NS	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053
4-Nitroaniline	NS	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
4-Nitrophenol	NS	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Pentachlorophenol	0.013	<0.050	<0.052	<0.052	<0.050	<0.050	<0.051	<0.056	<0.053
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0012J**
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0014J**
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.011
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**0.319**	**0.276**	<0.250	<0.250	**0.276**	<0.250	**0.395**	**0.333**
TPH-O	NS	<0.5	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.899**	**1.73**	**0.496**	<0.2	**0.743**	**0.128J**	**0.0767J**	**0.226**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	**0.0137J**
Arsenic	0.069	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.299**	**0.332J**	**0.352**	**0.313**	**0.435**	**0.422**	**0.480**	**0.440**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**184**	**217**	**196**	**181**	**204**	**171**	**216**	**198**
Chromium	1.1	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	NS	**0.00213J**	**0.00197J**	**0.00228J**	**0.0026J**	**0.00234J**	**0.00247J**	**0.0021J**	**0.0019J**
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**1.62**	**1.61**	**1.95**	**1.63**	**1.24**	**1.34**	**0.917**	**0.883**
Lead	0.210	**0.00975**	**0.0162**	**0.0107**	**0.00638**	**0.00932**	**0.0113**	**0.0125**	**0.0062**
Magnesium	NS	**329**	**398**	**332**	**301**	**325**	**262**	**316**	**262**
Manganese	NS	**1.22**	**1.23**	**1.19**	**0.878**	**1.31**	**1.29**	**0.667**	**0.363**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.04	<0.04	<0.04	**0.00316J**	<0.04	<0.04
Potassium	NS	**164**	**170**	**153**	**132**	**141**	**107**	**122**	**102**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
Silver	0.0019	**0.00316J**	<0.02	**0.00359J**	<0.01	**0.00241J**	<0.01	<0.01	<0.01
Sodium	NS	**3380**	**4120**	**3350**	**3100**	**3050**	**3200**	**3250**	**2830**

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Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	<0.05	**0.0122J**	**0.00201J**	**0.00121J**	**0.00224J**	**0.00305J**	**0.00495J**	<0.05
Zinc	0.090	0.00943J	**0.0131J**	**0.027**	**0.0103J**	**0.023**	**0.00824J**	**0.0069J**	<0.02
Ammonia	0.03	**0.758**	**0.671**	**0.967**	**0.399**	**1.68**	**1.46**	<0.1	**0.132**
TSS	45	**76.0**	**52.0**	**55.0**	**27.0**	**30.0**	**31.0**	**50.0**	**24.0**
TOC	0.10%	**27.1**	**20.1**	**29.3**	**28.5**	**21.5**	**28.1**	**29.0**	**31.2**
BOD	45	**13.7**	**5.01**	**17.7**	**6.60**	**8.07**	**5.94**	**9.69**	**9.6**
COD	45	**115**	**149**	**370**	**125**	**121**	**121**	**379**	**100**
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	**0.0259**	<0.01	<0.01	**0.0134**
pH	6.0-9.0	**8.12**	**7.51**	**7.66**	**7.26**	**7.69**	**7.74**	**8.46**	**8.18**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 15: Summary of Pumping Station Analytical Results – Sunrise #1

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00074J**	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00111J**	**0.00135J**	**0.00222J**	**0.00236J**	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	**0.00084J**	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Anthracene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.021	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Carbazole	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.021	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.0053	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.021	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Chrysene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Di-n-butylphthalate	NS	**0.0015J**	<0.011	<0.010	<0.010	<0.010	<0.011	**0.0012J**	**0.002J**
1,2-Dichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.021	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.0053	<0.005	**0.0015J**	<0.005	<0.0053	<0.005	<0.005
Fluoranthene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	**0.0021J**	<0.010
Fluorene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.0053	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.026	<0.025	<0.025	<0.025	<0.026	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Isophorone	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.021	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
Naphthalene	NS	<0.005	<0.0053	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Nitrophenol	NS	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.053	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Phenol	0.58	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Pyrene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	**0.0014J**	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0026	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	**<0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1221	NS	<0.0005	**<0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1232	NS	<0.0005	**<0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1242	NS	<0.0005	**<0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1248	NS	<0.0005	**<0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1254	NS	<0.0005	**<0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1260	NS	<0.0005	**<0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	<0.25	<0.25	<0.250	<0.250	**0.263**	<0.250	<0.250	**0.169**
TPH-O	NS	<0.5	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.360**	**0.180J**	**1.33**	<2.0	**0.371J**	**0.0822J**	**2.81**	**1.8**
Antimony	NS	<0.06	<0.12	<0.120	<0.6	<0.12	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.02	<0.02	<0.1	<0.02	<0.01	<0.01	<0.01
Barium	NS	**0.169J**	**0.219J**	**0.219J**	**0.167J**	**0.298J**	**0.174J**	**0.262**	**0.173J**
Beryllium	NS	<0.005	<0.01	<0.01	<0.05	<0.01	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	**0.00203J**	<0.05	<0.01	<0.005	<0.005	<0.005
Calcium	NS	**219**	**217**	**250**	**239**	**283**	**189**	**223**	**198**
Chromium	1.1	<0.01	<0.02	<0.02	<0.1	<0.02	<0.01	<0.01	<0.01
Cobalt	NS	**0.00131J**	**0.00299J**	**0.00331J**	<0.1	**0.00683J**	**0.00209J**	**0.00306J**	**0.00268J**
Copper	0.0048	<0.01	<0.02	<0.02	<0.1	<0.02	<0.01	<0.01	<0.01
Iron	NS	**0.727**	**1.17**	**2.65**	**2.51**	**2.56**	**0.542**	**3.59**	**2.8**
Lead	0.210	**0.0107**	**0.019**	**0.0219**	<0.05	**0.0205**	**0.00965**	**0.0102**	**0.00928**
Magnesium	NS	**486**	**544**	**605**	**656**	**617**	**398**	**474**	**394**
Manganese	NS	**0.334**	**0.396**	**0.523**	**0.553**	**1.14**	**0.467**	**0.516**	**0.267**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.08	<0.4	<0.08	<0.04	<0.04	<0.04
Potassium	NS	**304**	**254**	**277**	**220**	**272**	**243**	**262**	**237**
Selenium	0.290	<0.035	<0.07	<0.07	<0.35	<0.07	<0.035	<0.035	**0.0177J**
Silver	0.0019	**0.00533J**	<0.02	**0.00418J**	<0.1	<0.02	<0.01	<0.01	<0.01
Sodium	NS	**5450**	**6800**	**5740**	**5630**	**5380**	**6010**	**5970**	**5590**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.2	<0.02	<0.1	<0.02	<0.01	<0.01	<0.01
Vanadium	NS	<0.05	<0.1	**0.00473J**	**0.119J**	**0.00513J**	<0.05	<0.05	<0.05
Zinc	0.090	**0.0121J**	**0.014J**	**0.0326J**	<0.1	**0.0135J**	**0.00576J**	**0.0143J**	<0.02
Ammonia	0.03	**0.155**	**0.146**	**0.410**	**0.334**	**1.08**	**1.21**	<0.1	**0.280**
TSS	45	**41.0**	**61.0**	**73.0**	**50.0**	**72.0**	**34.0**	**104**	**88.0**
TOC	0.10%	**16.1**	**12.3**	**16.0**	**10.0**	**15.5**	**24.2**	**10.6**	**22.2**
BOD	45	**6.06**	**14.0**	**12.3**	**7.08**	**18.6**	**9.02**	<2.0	**4.05**
COD	45	**240**	**515**	**460**	**200**	**140**	**100**	**1160**	**530**
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	**0.0465**	<0.01	**0.0118**	**0.0115**
pH	6.0-9.0	**7.68**	**7.86**	**7.54**	**6.99**	**7.15**	**7.47**	**7.64**	**7.71**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 16: Summary of Pumping Station Analytical Results – Sunrise #2

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00086J**	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00236J**	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	**0.00092J**	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00116J**	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Di-n-butylphthalate	NS	**0.001J**	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0015J**	**0.0014J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0051J**	<0.010	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	**0.0013J**	<0.005	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.005
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0035J**	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0053	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.050	<0.050	<0.053	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0021J**	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0026	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	<0.25	<0.25	<0.250	<0.250	**0.346**	<0.250	<0.250	**0.221**
TPH-O	NS	<0.5	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.218**	**0.326J**	**0.207J**	<0.2	**0.566**	<0.2	**2.55**	**1.53**
Antimony	NS	<0.06	<0.12	<0.120	<0.06	<0.12	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.02	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01
Barium	NS	**0.158J**	**0.224J**	**0.213J**	**0.234**	**0.298J**	**0.188J**	**0.258**	**0.222**
Beryllium	NS	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	**1.19J**	<0.005
Calcium	NS	**196**	**221**	**244**	**218**	**293**	**203**	**228**	**199**
Chromium	1.1	<0.01	<0.02	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01
Cobalt	NS	**0.00135J**	**0.00269J**	**0.00228J**	**0.00711J**	**0.00589J**	**0.00249J**	**0.00337J**	**0.00254J**
Copper	0.0048	<0.01	<0.02	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01
Iron	NS	**0.640**	**1.23**	**0.809**	**1.98**	**2.59**	**0.622**	**3.46**	**2.57**
Lead	0.210	**0.0104**	**0.0164**	**0.0304**	**0.00809**	**0.0236**	**0.00765**	**0.0107**	**0.00838**
Magnesium	NS	**456**	**544**	**584**	**406**	**630**	**410**	**481**	**388**
Manganese	NS	**0.307**	**0.528**	**0.495**	**1.25**	**1.21**	**0.535**	**0.498**	**0.350**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.08	**0.00734J**	<0.08	<0.04	<0.04	<0.04
Potassium	NS	**272**	**254**	**262**	**204**	**275**	**260**	**272**	**222**
Selenium	0.290	<0.035	<0.07	<0.07	<0.035	<0.07	<0.035	<0.035	**0.021J**
Silver	0.0019	**0.00384J**	<0.02	**0.00525J**	**0.00268J**	<0.02	<0.01	<0.01	<0.01
Sodium	NS	**5680**	**5150**	**5900**	**4300**	**5300**	**6100**	**6300**	**5350**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.2	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01
Vanadium	NS	<0.05	<0.100	**0.00699J**	<0.05	<0.1	<0.05	<0.05	<0.05
Zinc	0.090	<0.02	<0.04	**0.0271J**	**0.0268**	**0.0183J**	**0.0307**	**0.0133J**	<0.02
Ammonia	0.03	**0.122**	**0.210**	**0.488**	**1.05**	**0.826**	**1.09**	**0.435**	**0.402**
TSS	45	**35.0**	**71.0**	**44.0**	**30.0**	**42.0**	**26.0**	**105**	**82.0**
TOC	0.10%	**16.1**	**11.5**	**17.5**	**16.3**	**16.0**	**22.6**	**9.75**	**12.8**
BOD	45	**7.96**	**14.5**	**11.9**	**9.48**	**15.2**	**7.78**	<2.0	**6.39**
COD	45	**175**	**560**	**460**	**180**	**140**	**160**	**1220**	**350**
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	**0.0268**	<0.01	<0.01	<0.01	**0.0902**	<0.01	**0.0144**	**0.0147**
pH	6.0-9.0	**7.82**	**7.70**	**7.25**	**7.02**	**7.12**	**7.48**	**7.65**	**7.92**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 17: Summary of Pumping Station Analytical Results – Triumph

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00104J**	**0.00112J**	<0.005	**0.00232J**	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	0.00088J	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.005	<0.005	<0.0051	<0.0053	<0.005	<0.005
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Di-n-butylphthalate	NS	**0.0011J**	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0017J**	**0.0013J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	**0.0024J**	<0.010
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.005	<0.005	<0.005	<0.0051	<0.0053	<0.005	<0.005
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.005	<0.005	<0.0051	<0.0053	<0.005	<0.005
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.025	<0.025	<0.026	<0.026	<0.025	<0.025
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.020
Naphthalene	NS	<0.005	<0.005	<0.005	<0.005	<0.0051	<0.0053	<0.005	<0.005
2-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050
3-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050
4-Nitroaniline	NS	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
4-Nitrophenol	NS	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.050	<0.050	<0.050	<0.051	<0.053	<0.050	<0.050
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00026	<0.00025
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0026	<0.0025
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.026	<0.025
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00052	<0.0005
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**0.283**	**1.30**	**0.340**	<0.250	**0.303**	<0.250	**0.347**	**0.308**
TPH-O	NS	<0.5	**0.936**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.601**	**0.203J**	**0.179J**	<0.2	**0.327**	**0.053J**	<0.2	**0.0684J**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.300**	**0.346J**	**0.386**	**0.340**	**0.372**	**0.419**	**0.494**	**0.453**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	**0.00116J**	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	NS	**218**	**270**	**263**	**238**	**286**	**244**	**287**	**269**
Chromium	1.1	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	NS	**0.00171J**	**0.0018J**	**0.00291J**	**0.00245J**	**0.00257J**	**0.00368J**	**0.00296J**	**0.00458J**
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.271**	<0.2	**0.556**	**0.276**	**0.516**	**0.720**	**0.584**	**0.111**
Lead	0.210	**0.0138**	**0.014**	**0.0126**	**0.00873**	**0.00671**	**0.00944**	**0.00833**	**0.00972**
Magnesium	NS	**331**	**403**	**326**	**300**	**325**	**289**	**342**	**306**
Manganese	NS	**0.827**	**0.646**	**0.759**	**0.686**	**0.888**	**1.01**	**0.825**	**0.649**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	**0.00397J**	<0.04	**0.00373J**	**0.00466J**	**0.00404J**	**0.00365J**
Potassium	NS	**153**	**155**	**132**	**119**	**126**	**114**	**126**	**121**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	**0.0178J**
Silver	0.0019	**0.00254J**	<0.02	**0.00254J**	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium	NS	**3400**	**3470**	**3160**	**2670**	**2900**	**3140**	**3520**	**3350**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	<0.05	**0.00669J**	<0.05	<0.05	<0.05	**0.00117J**	**0.00234J**	<0.05
Zinc	0.090	<0.02	<0.04	**0.0273**	**0.0131J**	**0.0206**	**0.00683J**	<0.02	<0.02
Ammonia	0.03	**0.450**	**0.367**	**0.392**	**0.285**	**0.472**	**0.476**	<0.1	<0.100
TSS	45	**21.0**	**34.0**	**37.0**	**15.0**	**55.0**	**34.0**	**21.0**	**44.0**
TOC	0.10%	**22.8**	**17.3**	**19.5**	**16.4**	**23.6**	**30.5**	**16.7**	**19.1**
BOD	45	**3.0**	**5.43**	**10.9**	**8.4**	**17.9**	**6.57**	<2.0	**4.98**
COD	45	**155**	**115**	**380**	**132**	**108**	**107**	**527**	**360**
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	**0.0162**	<0.01	<0.01	**0.0837**	**0.0112**	**0.0141**	**0.0173**
pH	6.0-9.0	**7.75**	**7.61**	**7.71**	**7.25**	**7.80**	**7.40**	**7.94**	**7.94**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 18: Summary of Pumping Station Analytical Results – Duvic

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	<0.005	<0.005	**0.00141J**	<0.005	<0.005	**0.00211J**	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Acenaphthylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(a)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(b)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(k)fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzoic acid	NS	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
Benzo(g,h,i)perylene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzo(a)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Benzyl alcohol	NS	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020	<0.022
4-Bromophenyl-phenylether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Butylbenzylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Carbazole	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
4-Chloroaniline	NS	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020	<0.022
bis(2-Chloroethoxy)methane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
bis(2-Chloroethyl)ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.005	<0.0052	<0.005	<0.0051	<0.0051	<0.005	<0.0056
4-Chloro-3-methylphenol	NS	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020	<0.022
2-Chloronaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Chlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
4-Chlorophenol phenyl ether	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Chrysene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Dibenz(a,h)anthracene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Dibenzofuran	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Di-n-butylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.0014J	**0.0012J**
1,2-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
1,3-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
1,4-Dichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
3,3'-Dichlorobenzidene	NS	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020	<0.022
2,4-Dichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Diethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,4-Dimethylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Dimethylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0039J**	<0.011
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
2,4-Dinitrophenol	NS	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
2,4-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,6-Dinitrotoluene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Di-n-octylphthalate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.005	<0.0052	<0.005	<0.0051	<0.0051	<0.005	<0.0056
Fluoranthene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Fluorene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Hexachlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Hexachlorobutadiene	0.0016	<0.005	<0.005	<0.0052	<0.005	<0.0051	<0.0051	<0.005	<0.0056
Hexachlorocyclopentadiene	NS	<0.025	<0.025	<0.026	<0.025	<0.026	<0.026	<0.025	<0.028
Hexachloroethane	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Isophorone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Methylnaphthalene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Methylphenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
4-Methylphenol	NS	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020	<0.020	<0.022
Naphthalene	NS	<0.005	<0.005	<0.0052	<0.005	<0.0051	<0.0051	<0.005	<0.0056
2-Nitroaniline	NS	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
3-Nitroaniline	NS	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
4-Nitroaniline	NS	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
Nitrobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2-Nitrophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
4-Nitrophenol	NS	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
N-Nitroso-di-n-propylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
N-Nitrosodiphenylamine	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Pentachlorophenol	0.013	<0.050	<0.050	<0.052	<0.050	<0.051	<0.051	<0.050	<0.056
Phenanthrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Phenol	0.58	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Pyrene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
1,2,4-Trichlorobenzene	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,4,5-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
2,4,6-Trichlorophenol	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.011
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0027
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.025	<0.027
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00051	<0.00053
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	**0.319**	**0.285**	**0.715**	**0.279**	**0.338**	**0.346**	**0.306**	**0.497**
TPH-O	NS	<0.5	<0.5	**0.701**	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.262**	**0.676**	**1.39**	**0.348**	**0.507**	**0.264**	**0.436**	**1.42**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.370**	**0.425**	**0.429**	**0.404**	**0.458**	**0.438**	**0.540**	**0.518**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	**0.0013J**	<0.005	<0.005	<0.005	**0.00103J**	<0.005
Calcium	NS	**194**	**243**	**231**	**189**	**214**	**177**	**215**	**208**
Chromium	1.1	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00145J**
Cobalt	NS	**0.00181J**	**0.00254J**	**0.00266J**	**0.00238J**	**0.00167J**	**0.00238J**	**0.00229J**	**0.00262J**
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.396**	**0.761**	**1.36**	**0.877**	**0.613**	**0.631**	**1.02**	**2.32**
Lead	0.210	**0.011**	**0.0156**	**0.0107**	**0.00837**	**0.0108**	**0.00844**	**0.011**	**0.0103**
Magnesium	NS	**336**	**416**	**359**	**300**	**316**	**264**	**305**	**259**
Manganese	NS	**0.802**	**0.906**	**0.961**	**0.905**	**0.587**	**0.950**	**0.769**	**0.500**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	**0.00479J**	<0.04	<0.04	**0.0032J**	<0.04	**0.00615J**
Potassium	NS	**157**	**164**	**155**	**121**	**126**	**101**	**107**	**91.5**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	**0.0183J**
Silver	0.0019	**0.00211J**	<0.02	**0.00276J**	<0.01	**0.00223J**	<0.01	<0.01	<0.01

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Sodium	NS	3510	3980	3560	2870	2930	2840	3090	2710
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	<0.05	0.0109J	<0.05	0.00109J	0.0027J	0.00238J	0.00732J	<0.05
Zinc	0.090	0.0157J	0.0263J	1.21	0.0151J	0.0163J	0.0126J	0.0106J	0.0215
Ammonia	0.03	0.474	0.286	0.467	0.259	0.229	0.322	0.147	<0.100
TSS	45	30.0	39.0	58.0	36.0	40.0	55.0	38.0	182
TOC	0.10%	27.7	21.4	27.2	19.5	27.8	31.0	19.4	30.0
BOD	45	5.25	7.5	15.2	7.14	9.06	7.38	5.22	8.97
COD	45	120	132	410	96.0	122	123	136	320
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	0.0519	0.0161	0.0140	0.0229
pH	6.0-9.0	7.71	7.92	7.76	7.38	8.22	7.64	8.05	7.96

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 19: Summary of Pumping Station Analytical Results – Grand Liard

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Acetone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzene	2.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	1.79	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Carbon disulfide	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	8.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dichlorodifluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dibromochloromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	22.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	11.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	8.76	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Isopropylbenzene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylacetate	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methylene chloride	NS	**0.00101**	<0.005	**0.00113J**	**0.00116J**	<0.005	**0.00228J**	<0.005	<0.005
4-Methyl-2-pentanone	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Methyl tert butyl ether	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
1,1,2,2-Tetrachloroethane	0.902	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	1.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	0.95	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	3.12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.2	<0.005	<0.005	<0.005	**0.00088J**	<0.005	<0.005	<0.005	<0.005
Trichlorofluoromethane	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl chloride	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
m,p-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
o-Xylene	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Acenaphthylene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Anthracene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Benzo(a)anthracene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Benzo(b)fluoranthene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Benzo(k)fluoranthene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Benzoic acid	NS	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051
Benzo(g,h,i)perylene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Benzo(a)pyrene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Benzyl alcohol	NS	<0.020	<0.021	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020
4-Bromophenyl-phenylether	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Butylbenzylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Carbazole	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
4-Chloroaniline	NS	<0.020	<0.021	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020
bis(2-Chloroethoxy)methane	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
bis(2-Chloroethyl)ether	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2,2'-oxybis(1-Chloropropane)	NS	<0.005	<0.0053	<0.005	<0.005	<0.0053	<0.0051	<0.005	<0.0051
4-Chloro-3-methylphenol	NS	<0.020	<0.021	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020
2-Chloronaphthalene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2-Chlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
4-Chlorophenol phenyl ether	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Chrysene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dibenz(a,h)anthracene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Dibenzofuran	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Di-n-butylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	**0.0017J**	<0.010
1,2-Dichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
1,3-Dichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
1,4-Dichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
3,3'-Dichlorobenzidene	NS	<0.020	<0.021	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020
2,4-Dichlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Diethylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2,4-Dimethylphenol	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Dimethylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	**0.025**
4,6-Dinitro-2-methylphenol	NS	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051
2,4-Dinitrophenol	NS	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051
2,4-Dinitrotoluene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2,6-Dinitrotoluene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Di-n-octylphthalate	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
bis(2-ethylhexyl)phthalate	NS	<0.005	<0.0053	<0.005	<0.005	<0.0053	<0.0051	<0.005	<0.0051
Fluoranthene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Fluorene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Hexachlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Hexachlorobutadiene	0.0016	<0.005	<0.0053	<0.005	<0.005	<0.0053	<0.0051	<0.005	<0.0051
Hexachlorocyclopentadiene	NS	<0.025	<0.026	<0.025	<0.025	<0.026	<0.026	<0.025	<0.026
Hexachloroethane	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Indeno(1,2,3-cd)pyrene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Isophorone	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2-Methylnaphthalene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2-Methylphenol	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
4-Methylphenol	NS	<0.020	<0.021	<0.020	<0.020	<0.021	<0.020	<0.020	<0.020
Naphthalene	NS	<0.005	<0.0053	<0.005	<0.005	<0.0053	<0.0051	<0.005	<0.0051
2-Nitroaniline	NS	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051
3-Nitroaniline	NS	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051
4-Nitroaniline	NS	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051
Nitrobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2-Nitrophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
4-Nitrophenol	NS	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
N-Nitroso-di-n-propylamine	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
N-Nitrosodiphenylamine	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Pentachlorophenol	0.013	<0.050	<0.053	<0.050	<0.050	<0.053	<0.051	<0.050	<0.051
Phenanthrene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Phenol	0.58	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Pyrene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
1,2,4-Trichlorobenzene	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2,4,5-Trichlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
2,4,6-Trichlorophenol	NS	<0.010	<0.011	<0.010	<0.010	<0.011	<0.010	<0.010	<0.010
Aldrin	0.0013	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
alpha-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
beta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
delta-BHC	NS	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
gamma-BHC	0.00016	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
alpha-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
gamma-Chlordane	0.00009	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
4,4'-DDD	0.00125	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
4,4'-DDE	0.0007	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
4,4'-DDT	0.00013	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Dieldrin	0.00071	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Endosulfan I	0.000034	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
Endosulfan II	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Endosulfan sulfate	0.000034	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Endrin	0.000037	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Endrin aldehyde	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Endrin ketone	NS	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Heptachlor	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
Heptachlor epoxide	0.000053	<0.0005	<0.0005	<0.00025	<0.00025	<0.00025	<0.00025	<0.00025	<0.00027
Methoxychlor	NS	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0027
Toxaphene	0.00021	<0.05	<0.05	<0.025	<0.025	<0.025	<0.025	<0.025	<0.027
2,4-D	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dalapon	NS	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
2,4-DB	NS	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Dicamba	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dichloroprop	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Dinoseb	NS	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
MCPA	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
MCPP	NS	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250	<0.250
2,4,5-T	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-TP	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Arochlor-1016	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Arochlor-1221	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Arochlor-1232	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Arochlor-1242	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Arochlor-1248	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Arochlor-1254	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
Arochlor-1260	NS	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00054
TPH-G	NS	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
TPH-D	NS	<0.25	<0.25	**0.294**	<0.250	**0.289**	**0.281**	**0.344**	**0.354**
TPH-O	NS	<0.5	<0.5	<0.500	<0.500	<0.500	<0.500	<0.500	<0.150
Aluminum	NS	**0.103J**	**0.298J**	**0.401**	<0.2	**0.181J**	<0.2	**0.610**	**0.0712J**
Antimony	NS	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Arsenic	0.069	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Barium	NS	**0.286**	**0.373J**	**0.328**	**0.314**	**0.397**	**0.346**	**0.473**	**0.454**
Beryllium	NS	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	0.042	<0.005	<0.01	<0.005	<0.005	<0.005	**0.00104J**	<0.005	<0.005
Calcium	NS	**212**	**295**	**238**	**222**	**275**	**207**	**273**	**269**
Chromium	1.1	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cobalt	NS	**0.00142J**	**0.00283J**	**0.00236J**	**0.00267J**	**0.00293J**	**0.00328J**	**0.00325J**	**0.00208J**
Copper	0.0048	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iron	NS	**0.131**	**0.265**	**0.785**	**0.473**	**0.0889J**	**0.380**	**1.05**	**0.0591J**
Lead	0.210	**0.0138**	**0.015**	**0.00983**	**0.00494J**	**0.00781**	**0.00867**	**0.00872**	**0.00693**
Magnesium	NS	**326**	**440**	**296**	**273**	**337**	**262**	**343**	**306**
Manganese	NS	**0.720**	**0.715**	**0.748**	**0.709**	**0.848**	**0.756**	**1.05**	**0.635**
Mercury	0.0018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.074	<0.04	<0.08	<0.04	<0.04	<0.04	<0.04	**0.0046J**	**0.00429J**
Potassium	NS	**148**	**176**	**116**	**102**	**134**	**96.7**	**127**	**121**
Selenium	0.290	<0.035	<0.07	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035
Silver	0.0019	<0.01	<0.02	**0.00281J**	<0.01	**0.00236J**	<0.01	<0.01	<0.01
Sodium	NS	**3440**	**3700**	**3230**	**2440**	**3130**	**2970**	**3500**	**3290**

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Parameter	EPA/LDEQ Water Quality Criteria (mg/l) Saltwater[1]	Analysis Result (mg/l)							
		10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Thallium	NS	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vanadium	NS	<0.05	**0.006J**	**0.0026J**	**0.00197J**	<0.05	**0.00113J**	**0.00477J**	<0.05
Zinc	0.090	<0.02	<0.04	**0.339**	**0.0141J**	**0.0115J**	<0.02	**0.00602J**	<0.02
Ammonia	0.03	**0.517**	**0.362**	**0.569**	**0.454**	**0.291**	**0.372**	<0.1	<0.100
TSS	45	**18.0**	**30.0**	**24.0**	**15.0**	**28.0**	**33.0**	**70.0**	**36.0**
TOC	0.10%	**23.0**	**16.4**	**20.4**	**16.2**	**23.6**	**28.6**	**17.4**	**18.5**
BOD	45	**13.4**	**4.08**	**13.8**	**8.22**	**10.2**	**9.83**	<2.0	**5.22**
COD	45	**135**	**144**	**350**	**82.0**	**127**	**150**	**409**	**360**
Oil & Grease	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyanide	0.001	<0.01	<0.01	<0.01	<0.01	**0.0448**	**0.0107**	**0.0111**	**0.0136**
pH	6.0-9.0	**7.70**	**7.72**	**7.46**	**7.27**	**7.85**	**7.56**	**8.14**	**7.96**

1. EPA water quality criteria are listed first. If there are no EPA criteria for a parameter, Louisiana criteria are listed.
2. NS = no standard/water quality criteria

J = J-flagged data – estimated concentration above the method detection limit and below the reporting limit

Table 20: Sample Point Summary

Pumping Station	Sample Point (Intake or Outlet)							
	10/25/05	10/27/05	11/1/05	11/3/05	11/8/05	11/10/05	11/15/05	11/22/05
Belle Chasse 1	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Belle Chasse 2	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Braithwaite	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Outlet
Scarsdale	Outlet	Intake	Outlet	Outlet	Outlet	Intake	Intake	Intake
Bellevue	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Point a la Hache	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Ollie 1	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Ollie 2	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Ollie 3	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
West Point a la Hache	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Diamond	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Diamond (duplicate)	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Hayes	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Gainard Woods	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Sunrise 1	Intake	Intake	Outlet	Outlet	Intake	Intake	Intake	Intake
Sunrise 2	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Outlet
Triumph	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Duvic	Intake	Intake	Intake	Intake	Intake	Intake	Intake	Intake
Grand Liard	Intake	Intake	Intake	Intake	Intake	Intake	Outlet	Intake

Figure 1: Pumping Stations – North

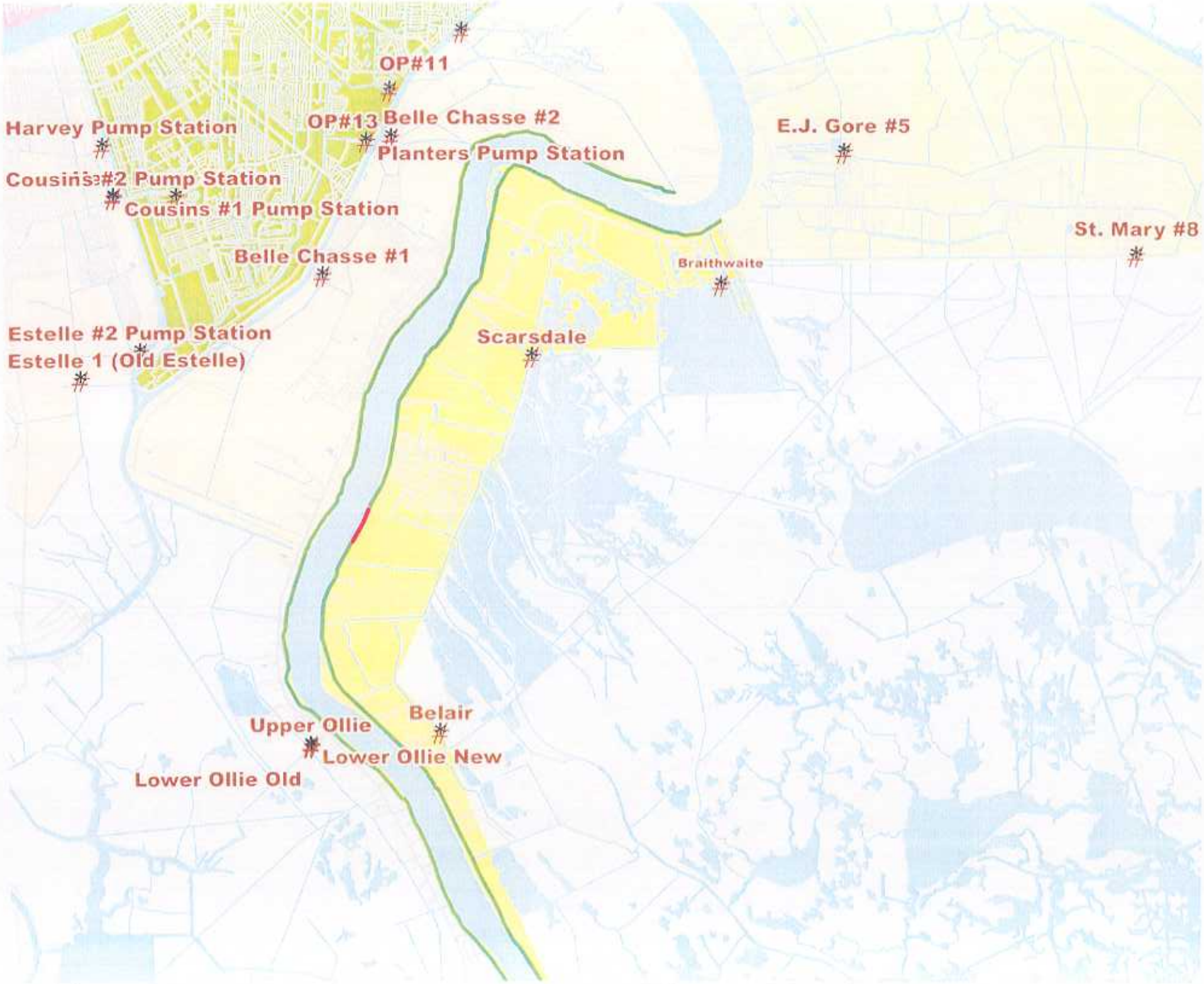
OP#11
Harvey Pump Station
OP#13
Belle Chasse #2
Planters Pump Station
E.J. Gore #5
Cousins #2 Pump Station
Cousins #1 Pump Station
St. Mary #8
Belle Chasse #1
Braithwaite
Estelle #2 Pump Station
Estelle 1 (Old Estelle)
Scarsdale
Belair
Upper Ollie
Lower Ollie New
Lower Ollie Old

Figure 2: Pumping Stations – South

Lower Ollie New
Belair
Bellevue
Wilkinson Canal (unconfirmed)
PS N Lake Judge Perez (unconf.)
Pointe A La Hache-West
Pointe A La Hache-Eastbank
Diamond
Hayes
Gainard Woods
Sunrise #1
Sunrise #2
Grand Liard (Buras)
Duvic (Venice)

Appendices

Appendix A: Field Logs and Site Documentation

Table 1: Sample Table

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	10/25/05 12:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 7.24 16.5°c	Intake
W-2832ACE-date-BC2	10/25/05 13:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 7.64 21.0°c	Keys Needed To Enter Gate Intake
W-2832ACE-date-BW	10/25/05 11:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 7.33 16.3°c	Intake
W-2832ACE-date-SC	10/25/05 10:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 7.28 18.7°c	Outlet ~~Outlet~~ N.T.
W-2832ACE-date-PH	10-25-05 08:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 6.37 16.8°c	MS/MSD* Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	10-25-05 09:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 7.43 17.4°c	Intake
W-2832ACE-date-OL1	10/25/05 14:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 7.55 18.8°c	Intake
W-2832ACE-date-OL2	10/25/05 14:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 7.96 19.6°c	Intake
W-2832ACE-date-OL3	10/25/05 15:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 7.90 20.6°c	Intake
W-2832ACE-date-WPH	10/25/05 1355	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 7.81 17.0°c	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-DI	10/25 1310	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.48 17.5°c	Intake
W-2832ACE-date-DIa	10/25 1320	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.77 17.5°c	Duplicate* Intake
W-2832ACE-date-HY	10/25 1240	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 7.70 19.0°c	Intake
W-2832ACE-date-GW	10/25 1205	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Gainard Woods 8.12 17.0°c	Intake
W-2832ACE-date-SR1	10/25 1105	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #1 7.68 16.5°c	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-SR2	10/25 1120	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.82. 16.5°C	Intake
W-2832ACE-date-TR	10/25 1010	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.75 17.5°C	Intake
W-2832ACE-date-DV	10/25 0900	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 7.71 17.2°C	Intake
W-2832ACE-date-GL	10/25 0900	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 7.70 18.0°C	Intake
W-2832ACE-date-TBEB	~~0850~~ 10-25-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBEB	~~08:00~~ 10-25-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-TBWB	10-25-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBWB	10-25-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—

*Actual sample will be determined in the field.

Appendix A: Sample Containers, Preservation, and Holding Time

Parameter/Method	Container/Preservation	Holding Time
Volatiles(SW 8260)	3-40ml Vials/HCL	14 days
Semivolatiles(SW 8270)	2-1L Amber/ 4°C	7 days extraction/ 40 days
Pesticides (SW 8081)	2-1L Amber/4°C	7 days extraction/ 40 days
PCBs(SW 8082)	2-1L Amber/4°C	7 days extraction/ 40 days
Herbicides (SW 8151)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-D&O (SW 8015)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-Gasoline(SW 8015)	2-40ml Vials/HCL	7 days extraction/ 40 days
TAL Metals(SW 6010/7470)	500ml plastic/HNO_3	180 days
Cyanide (EPA 335.2)	500ml plastic/NaOH	14 days
Ammonia (EPA 350.2)	250ml plastic/H_2SO_4	28 days
TOC (EPA 415.1)	40ml amber vial/ H_2SO_4	28 days
COD (EPA 410.1)	125ml plastic/ H_2SO_4	28 days
BOD (EPA 405.1)	1000ml plastic/ 4°C	48 hrs.
Oil & Grease (EPA 1664)	1000ml plastic/HCL	28 days
TSS (EPA 160.2)	250ml plastic/ 4°C	7 days

Table 1: Sample Table

8.51
17.0°c

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	10-27-05 11:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 ~~7.32~~ ~~17.0°c~~	Intake
W-2832ACE-date-BC2	10-27-05 12:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 8.19 17.0°c	Intake
W-2832ACE-date-BW	10-27-05 10:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 9.03 17.0°c	Intake
W-2832ACE-date-SC	10-27-05 10:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 7.97 17.0°c	Intake
W-2832ACE-date-PH	10-27-05 08:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 7.32 17.0°c	MS/MSD* Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	10-27-05 09:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 7.78 17.0°c	Intake
W-2832ACE-date-OL1	10-27-05 12:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 8.69 17.0°c	Intake
W-2832ACE-date-OL2	10-27-05 13:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 8.63 17.0°c	Intake
W-2832ACE-date-OL3	10-27-05 13:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 8.77 17.0°c	Intake
W-2832ACE-date-WPH	10-27-05 15:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 8.47 18.0°c	Intake 250ml Jar (Plastic) not in cooler. NH_3

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-DI	10-27-05 14:45	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.12 19.0°c	Intake
W-2832ACE-date-DIa	10-27-05 14:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.48 18.0°c	Duplicate* Intake
W-2832ACE-date-HY	10-27-05 12:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 7.38 19.0°c	Intake
W-2832ACE-date-GW	10-27-05 11:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Gainard Woods 7.51 18.0°c	Intake
W-2832ACE-date-SR1	10-27-05 10:20	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #1 7.86 18.0°c	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-SR2	10-27-05 10:35	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.70 18.0°C	Intake
W-2832ACE-date-TR	~~09:00~~ 13:40 10-27-05	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.61 19.0°C	Intake
W-2832ACE-date-DV	09:00 10-27-05	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 7.92 17.0°C	Intake
W-2832ACE-date-GL	10-27-05 09:45	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 7.72 16°C	Intake
W-2832ACE-date-TBEB		VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	
W-2832ACE-date-FBEB		VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	
W-2832ACE-date-TBWB	09:00 10-27-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBWB	09:00 10-27-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—

*Actual sample will be determined in the field.

Appendix A: Sample Containers, Preservation, and Holding Time

Parameter/Method	Container/Preservation	Holding Time
Volatiles(SW 8260)	3-40ml Vials/HCL	14 days
Semivolatiles(SW 8270)	2-1L Amber/ 4°C	7 days extraction/ 40 days
Pesticides (SW 8081)	2-1L Amber/4°C	7 days extraction/ 40 days
PCBs(SW 8082)	2-1L Amber/4°C	7 days extraction/ 40 days
Herbicides (SW 8151)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-D&O (SW 8015)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-Gasoline(SW 8015)	2-40ml Vials/HCL	7 days extraction/ 40 days
TAL Metals(SW 6010/7470)	500ml plastic/HNO_3	180 days
Cyanide (EPA 335.2)	500ml plastic/NaOH	14 days
Ammonia (EPA 350.2)	250ml plastic/H_2SO_4	28 days
TOC (EPA 415.1)	40ml amber vial/ H_2SO_4	28 days
COD (EPA 410.1)	125ml plastic/ H_2SO_4	28 days
BOD (EPA 405.1)	1000ml plastic/ 4°C	48 hrs.
Oil & Grease (EPA 1664)	1000ml plastic/HCL	28 days
TSS (EPA 160.2)	250ml plastic/ 4°C	7 days

Bottle not in cooler @ W-2832ACE-1021-WPh

Table 1: Sample Table

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	11-1-05 11:25	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 7.90 18.2°C	Intake
W-2832ACE-date-BC2	11-1-05 12:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 7.44 18.5°C	Intake
W-2832ACE-date-BW	11-1-05 10:25	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 8.21 18.4°C	Intake
W-2832ACE-date-SC	11-1-05 09:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 7.08 18.3°C	Outlet
W-2832ACE-date-PH	11-1-05 0825	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 8.03 18.6°C	MS/MSD* Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	11-1-05 08:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 7.75 17.1°C	Intake
W-2832ACE-date-OL1	11-1-05 12:35	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 7.51 17.2°C	Intake
W-2832ACE-date-OL2	11-1-05 12:55	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 7.48 17.3°C	Intake
W-2832ACE-date-OL3	11-1-05 13:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 7.41 17.2°C	Intake
W-2832ACE-date-WPH	11-1-05 12:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 7.53 18.0°C	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-DI	11-1-05 12:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.44 17.0°c	Intake
W-2832ACE-date-DIa	11-1-05 12:20	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.44 17.0°c	Duplicate* Intake
W-2832ACE-date-HY	11-1-05 11:45	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 7.44 18.0°c	Intake
W-2832ACE-date-GW	11-1-05 11:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Gainard Woods 7.66 18.0°c	Intake
W-2832ACE-date-SR1	11-1-05 ~~10:0~~ 10:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #1 7.54 18.0°c	Outlet

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-SR2	11-1-05 10:45	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.25 18.0°c	Intake
W-2832ACE-date-TR	11-1-05 09:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.71 17.0°c	Intake
W-2832ACE-date-DV	11-1-05 0850	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 7.76 16.0°c	Intake
W-2832ACE-date-GL	11-1-05 09:45	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 7.46 17.5°c	Intake
W-2832ACE-date-TBEB	11-1-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBEB	11-1-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-TBWB	11-1-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBWB	11-1-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—

*Actual sample will be determined in the field.

Appendix A: Sample Containers, Preservation, and Holding Time

Parameter/Method	Container/Preservation	Holding Time
Volatiles(SW 8260)	3-40ml Vials/HCL	14 days
Semivolatiles(SW 8270)	2-1L Amber/ 4°C	7 days extraction/ 40 days
Pesticides (SW 8081)	2-1L Amber/4°C	7 days extraction/ 40 days
PCBs(SW 8082)	2-1L Amber/4°C	7 days extraction/ 40 days
Herbicides (SW 8151)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-D&O (SW 8015)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-Gasoline(SW 8015)	2-40ml Vials/HCL	7 days extraction/ 40 days
TAL Metals(SW 6010/7470)	500ml plastic/HNO_3	180 days
Cyanide (EPA 335.2)	500ml plastic/NaOH	14 days
Ammonia (EPA 350.2)	250ml plastic/H_2SO_4	28 days
TOC (EPA 415.1)	40ml amber vial/ H_2SO_4	28 days
COD (EPA 410.1)	125ml plastic/ H_2SO_4	28 days
BOD (EPA 405.1)	1000ml plastic/ 4°C	48 hrs.
Oil & Grease (EPA 1664)	1000ml plastic/HCL	28 days
TSS (EPA 160.2)	250ml plastic/ 4°C	7 days

Table 1: Sample Table

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	11-03-05 1240	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 8.48 19.9°c	INTAKE
W-2832ACE-date-BC2	11-03-05 1300	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 7.85 20.2°c	INTAKE
W-2832ACE-date-BW	11-03-05 1105	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 8.72 18.4°c	INTAKE
W-2832ACE-date-SC	11-03-05 1015	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 7.54 18.3°c	OUTLET
W-2832ACE-date-PH	11-03-05 0830	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 8.89 17.0°c	MS/MSD* INTAKE

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	11-03-05 0910	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 8.35 16.4°c	INTAKE
W-2832ACE-date-OL1	11-03-05 1340	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 7.91 17.2°c	INTAKE
W-2832ACE-date-OL2	11-03-05 1355	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 8.06 19.3°c	INTAKE
W-2832ACE-date-OL3	11-03-05 1410	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 8.38 21.9°c	INTAKE
W-2832ACE-date-WPH	11-3-05 12:55	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 8.45 21.0°c	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-DI	11/3/05 12:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.36 19.0°c	Intake
W-2832ACE-date-Dia	11/3/05 12:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.38 19.0°c	Duplicate* Intake
W-2832ACE-date-HY	11/3/05 11:55	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 7.53 19.0°c	Intake
W-2832ACE-date-GW	11/3/05 11:25	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Gainard Woods 7.26 18.5°c	Intake
W-2832ACE-date-SR1	11/3/05 10:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #1 6.99 18.5°c	Outlet

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-SR2	11/3/05 10:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.02 18.5°C	Intake
W-2832ACE-date-TR	11/3/05 09:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.25 18.0°C	Intake
W-2832ACE-date-DV	11/3/05 08:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 7.38 16.0°C	Intake
W-2832ACE-date-GL	11/3/05 09:25	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 7.27 18.0°C	Intake
W-2832ACE-date-TBEB	11/3/05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBEB	11/3/05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-TBWB	11/3/05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBWB	11/3/05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—

*Actual sample will be determined in the field.

Appendix A: Sample Containers, Preservation, and Holding Time

Parameter/Method	Container/Preservation	Holding Time
Volatiles(SW 8260)	3-40ml Vials/HCL	14 days
Semivolatiles(SW 8270)	2-1L Amber/ 4°C	7 days extraction/ 40 days
Pesticides (SW 8081)	2-1L Amber/4°C	7 days extraction/ 40 days
PCBs(SW 8082)	2-1L Amber/4°C	7 days extraction/ 40 days
Herbicides (SW 8151)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-D&O (SW 8015)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-Gasoline(SW 8015)	2-40ml Vials/HCL	7 days extraction/ 40 days
TAL Metals(SW 6010/7470)	500ml plastic/HNO_3	180 days
Cyanide (EPA 335.2)	500ml plastic/NaOH	14 days
Ammonia (EPA 350.2)	250ml plastic/H_2SO_4	28 days
TOC (EPA 415.1)	40ml amber vial/ H_2SO_4	28 days
COD (EPA 410.1)	125ml plastic/ H_2SO_4	28 days
BOD (EPA 405.1)	1000ml plastic/ 4°C	48 hrs.
Oil & Grease (EPA 1664)	1000ml plastic/HCL	28 days
TSS (EPA 160.2)	250ml plastic/ 4°C	7 days

Table 1: Sample Table

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	11-8-05 1115	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 8.25 19.6°c	INTAKE
W-2832ACE-date-BC2	11-08-05 1140	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 8.77 20.5°c	INTAKE
W-2832ACE-date-BW	11-8-05 1020	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 8.41 20.2°c	INTAKE
W-2832ACE-date-SC	11-8-05 0945	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 8.74 19.4°c	OUTLET
W-2832ACE-date-PH	11-8-05 0840	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 8.74 20.8°c	MS/MSD* INTAKE

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	11-8-05 0900	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 8.51 18.7°c	INTAKE
W-2832ACE-date-OL1	11-8-05 1215	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 8.76 19.4°c	INTAKE
W-2832ACE-date-OL2	11-8-05 1233	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 8.91 19.7°c	INTAKE
W-2832ACE-date-OL3	11-8-05 1245	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 8.84 20.1°c	INTAKE
W-2832ACE-date-WPH	11-8-05 1225	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 9.43 26.0°c	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-DI	11-8-05 12:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.40 21.0°c	Intake
W-2832ACE-date-DIa	11-8-05 12:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.46 21.0°c	Duplicate* Intake
W-2832ACE-date-HY	11-8-05 11:35	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 7.46 22.0°c	Intake
W-2832ACE-date-GW	11-8-05 11:05	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Gainard Woods 7.69 21.0°c	Intake
W-2832ACE-date-SR1	11-8-05 1010.	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #1 7.15 20.0°c	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-SR2	11-8-05 10:25	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.12 20.0°c	Intake
W-2832ACE-date-TR	11-8-05 09:20	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.80 20.0°c	Intake
W-2832ACE-date-DV	11-8-05 0850	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 8.22 21.0°c	Intake
W-2832ACE-date-GL	11-8-05 0940	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 7.85 20.0°c	Intake
W-2832ACE-date-TBEB	11-8-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBEB	11-8-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-TBWB	11-8-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBWB	11-8-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—

*Actual sample will be determined in the field.

Appendix A: Sample Containers, Preservation, and Holding Time

Parameter/Method	Container/Preservation	Holding Time
Volatiles(SW 8260)	3-40ml Vials/HCL	14 days
Semivolatiles(SW 8270)	2-1L Amber/ 4°C	7 days extraction/ 40 days
Pesticides (SW 8081)	2-1L Amber/4°C	7 days extraction/ 40 days
PCBs(SW 8082)	2-1L Amber/4°C	7 days extraction/ 40 days
Herbicides (SW 8151)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-D&O (SW 8015)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-Gasoline(SW 8015)	2-40ml Vials/HCL	7 days extraction/ 40 days
TAL Metals(SW 6010/7470)	500ml plastic/HNO_3	180 days
Cyanide (EPA 335.2)	500ml plastic/NaOH	14 days
Ammonia (EPA 350.2)	250ml plastic/H_2SO_4	28 days
TOC (EPA 415.1)	40ml amber vial/ H_2SO_4	28 days
COD (EPA 410.1)	125ml plastic/ H_2SO_4	28 days
BOD (EPA 405.1)	1000ml plastic/ 4°C	48 hrs.
Oil & Grease (EPA 1664)	1000ml plastic/HCL	28 days
TSS (EPA 160.2)	250ml plastic/ 4°C	7 days

Table 1: Sample Table

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	11-10-05 1105	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 7.75 21.3°c	INTAKE
W-2832ACE-date-BC2	11-10-05 1130	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 7.89 20.2°c	INTAKE
W-2832ACE-date-BW	11-10-05 1000	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O. (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 8.31 19.7°c	INTAKE
W-2832ACE-date-SC	11-10-05 0925	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 6.45 18.4°c	INTAKE
W-2832ACE-date-PH	11-10-05 0820	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 7.79 20.1°c	MS/MSD* INTAKE

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	11-10-05 0845	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 7.83 18.4°c	INTAKE
W-2832ACE-date-OL1	11-10-05 1205	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 8.34 19.8°c	INTAKE
W-2832ACE-date-OL2	11-10-05 1220	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 8.73 19.1°c	INTAKE
W-2832ACE-date-OL3	11-10-05 1235	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 8.79 20.9°c	INTAKE
W-2832ACE-date-WPH	11-10-05 12:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 8.32 25.6°c	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-DI	11-10-05 11:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.41 25.0°C	Intake
W-2832ACE-date-DIa	11-10-05 11:55	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.35 24.8°C	Duplicate* Intake
W-2832ACE-date-HY	11-10-05 11:20	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 7.96 25.1°C	Intake
W-2832ACE-date-GW	11-10-05 10:55	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A ~~7.74~~ ~~24.9°C~~	Gainard Woods 7.74 24.9°C	Intake
W-2832ACE-date-SR1	11-10-05 10:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A ~~7.47~~ ~~23.9°C~~	Sunrise #1 7.47 23.9°C	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-SR2	11-10-05 10:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.48 23.4	Intake
W-2832ACE-date-TR	11-10-05 09:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.40 24.0°C	Intake
W-2832ACE-date-DV	11-10-05 08:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 7.64 24.8°C	Intake
W-2832ACE-date-GL	11-10-05 09:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 7.56 23.9°C	Intake
W-2832ACE-date-TBEB	11-10-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBEB	11-10-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-TBWB	11-10-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—
W-2832ACE-date-FBWB	11-10-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—

*Actual sample will be determined in the field.

Appendix A: Sample Containers, Preservation, and Holding Time

Parameter/Method	Container/Preservation	Holding Time
Volatiles(SW 8260)	3-40ml Vials/HCL	14 days
Semivolatiles(SW 8270)	2-1L Amber/ 4°C	7 days extraction/ 40 days
Pesticides (SW 8081)	2-1L Amber/4°C	7 days extraction/ 40 days
PCBs(SW 8082)	2-1L Amber/4°C	7 days extraction/ 40 days
Herbicides (SW 8151)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-D&O (SW 8015)	2-1L Amber/4°C	7 days extraction/ 40 days
TPH-Gasoline(SW 8015)	2-40ml Vials/HCL	7 days extraction/ 40 days
TAL Metals(SW 6010/7470)	500ml plastic/HNO_3	180 days
Cyanide (EPA 335.2)	500ml plastic/NaOH	14 days
Ammonia (EPA 350.2)	250ml plastic/H_2SO_4	28 days
TOC (EPA 415.1)	40ml amber vial/ H_2SO_4	28 days
COD (EPA 410.1)	125ml plastic/ H_2SO_4	28 days
BOD (EPA 405.1)	1000ml plastic/ 4°C	48 hrs.
Oil & Grease (EPA 1664)	1000ml plastic/HCL	28 days
TSS (EPA 160.2)	250ml plastic/ 4°C	7 days

Table 1: Sample Table

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	11-15-05 1125	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 8.36 19.5°C	INTAKE
W-2832ACE-date-BC2	11-15-05 1150	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 8.77 21.2°C	INTAKE
W-2832ACE-date-BW	11-15-05 1025	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 8.56 17.7°C	INTAKE
W-2832ACE-date-SC	11-15-05 0950	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 6.94 18.4°C	INTAKE
W-2832ACE-date-PH	11-15-05 0850	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 7.94 19.2°C	MS/MSD* INTAKE

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	11-15-05 0915	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 7.83 20.8°C	INTAKE
W-2832ACE-date-OL1	11-15-05 1220	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 7.44 19.9°C	INTAKE
W-2832ACE-date-OL2	11-15-05 1230	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 7.52 20.8°C	INTAKE
W-2832ACE-date-OL3	11-15-05 1245	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 7.77 20.4°C	INTAKE
W-2832ACE-date-WPH	11-15-05 13:45	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 9.25 27.9°C	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet	
W-2832ACE-date-DI	11-15-05 13:10	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.92 26.7°C	Intake	1st
W-2832ACE-date-DIa	11-15-05 13:25	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.84 25.6°C	Duplicate* Intake	
W-2832ACE-date-HY	11-15-05 12:40	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 8.47 25.5°C	Intake	1st
W-2832ACE-date-GW	11-15-05 12:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Gainard Woods 8.46 24.2°C	Intake	2nd
W-2832ACE-date-SR1	11-15-05 11:05	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #1 7.64 25.0°C	Intake	2nd

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet	
W-2832ACE-date-SR2	11-15-05 11:25	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.65 25.0°c	Intake	2nd
W-2832ACE-date-TR	11-15-05 10:00 ~~01~~	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.94 25.0°c	Intake	2nd
W-2832ACE-date-DV	11-15-05 09:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 8.05 24.9°C	Intake	2nd
W-2832ACE-date-GL	11-15-05 10:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 8.14 25.1°c	Outlet	2nd
W-2832ACE-date-TBEB	11-15-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—	
W-2832ACE-date-FBEB	11-15-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—	
W-2832ACE-date-TBWB	11-15-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—	
W-2832ACE-date-FBWB	11-15-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	—	

*Actual sample will be determined in the field.

Table 1: Sample Table

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BC1	11-22-05 1130	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #1 7.77 16.1°C	INTAKE
W-2832ACE-date-BC2	11-22-05 1155	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Belle Chasse #2 7.42 16.2°C	INTAKE
W-2832ACE-date-BW	11-22-05 1020	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Braithwaite 8.47 13.9°C	OUTLET
W-2832ACE-date-SC	11-22-05 0945	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Scarsdale 7.73 14.3°C	INTAKE
W-2832ACE-date-PH	11-22-05 0840	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Point a la Hache 8.14 14.3°C	MS/MSD* INTAKE

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-BV	11-22-05 0905	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Bellevue 8.05 13.9 °C	INTAKE
W-2832ACE-date-OL1	11-22-05 1250	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #1 7.52 15.8 °C	INTAKE
W-2832ACE-date-OL2	11-22-05 1310	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #2 7.85 16.2 °C	INTAKE
W-2832ACE-date-OL3	11-22-05 1330	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Ollie #3 7.97 17.2 °C	INTAKE
W-2832ACE-date-WPH	11-22-05 12:20	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	West Point a la Hache 8.81 15.7 °C	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-DI	11-22-05 11:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.60 15.6°C	Intake
W-2832ACE-date-DIa	11-22-05 12:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Diamond 7.59 15.4°C	Duplicate* Intake
W-2832ACE-date-HY	11-22-05 11:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Hayes 8.05 15.2°C	Intake
W-2832ACE-date-GW	11-22-05 11:00	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Gainard Woods 8.18 15.0°C	Intake
W-2832ACE-date-SR1	11-22-05 10:15	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #1 7.71 17.5°C	Intake

Sample Name	Date/ Time	Analysis	Containers	Preservation/ Holding Time	Location	Comments Intake/Outlet
W-2832ACE-date-SR2	11-22-05 10:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Sunrise #2 7.92 17.9 °C	Outlet
W-2832ACE-date-TR	11-22-05 09:20	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Triumph 7.94 14.6 °C	Intake
W-2832ACE-date-DV	11-22-05 08:50	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Duvic 7.96 14.6 °C	Intake
W-2832ACE-date-GL	11-22-05 09:30	VOCs (8260), SVOCs (8270), pesticides (8081), herbicides (8151), PCBs (8082), TAL metals (6010, 7400), TPH-G, D, O (8015B), TOC, TSS, COD, BOD, oil & grease, ammonia	See Appendix A	See Appendix A	Grand Liard 7.96 15.1 °C	Intake
W-2832ACE-date-TBEB	11-22-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	
W-2832ACE-date-FBEB	11-22-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	
W-2832ACE-date-TBWB	11-22-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	
W-2832ACE-date-FBWB	11-22-05	VOCs (8260), TPH-G (8015B)	See Appendix A	See Appendix A	N/A	

*Actual sample will be determined in the field.

Belle Chasse #1 N 29.85292°
W 090.01881°

Pump	Location/Name	No. Pumps	Pump from	Pump to	Longitude	Latitude	Elevation (ft)	Capacity CFS*	Operating Active	Existing Pump Ops Number	Existing Pump Ops Flow	Power Primary	Freq Hertz	Source Backup	Status	Status of Operation	Expected G Date	Constraints/Remarks	Auxiliary Pumps	Status	Size	Capacity CFS	Estimated Start Date	Pump Operation Number	Pump Operation Flow	Remarks
PLAQUEMINES																										
	Belair							130							Operable	Y										
	Belle Chasse #1							1500							Operable	Y										
	Belle Chasse #2							500							Operable	Y										
	Bellevue		Point A La Hache Drainage Canal	Marsh	-89.67667	29.6233	14	516							Operable	Y										
	Braithwaite				89.90987	29.8[illegible]		NA							Operable	Y										
	Diamond		Diamond Drainage	Marsh behind Diamond	-89.78167	29.52667	13	254							Operable	Y										
	Davis (Venice)		Venice Drainage	Bayou Dyvid	-89.30667	29.31333	18.17	560	560						Operating	Y			4	on route	20"		16-Sep-05			
	Gainard Woods		Gainard Woods Canal	Marsh behind Levee	-89.64833	29.325	11.5	400							Operable	Y		Needs 10,000 gallon fuel storage tank. Located 12,000 gal. temp tanks, proc started, may need to develop site containment								
	Grand Liard (Burns)				-89.08142	29.12369		540								Y										
	Hayes		Hayes Drainage Canal	Marsh	-89.72	29.5	9	500							Operable	Y										
	Lower Ollie							120							Operable	Y										
	Ollie #2				90.02207	29.73867		300							Operable	Y										
	Pointe A La Hache-Eastbank		Point A La Hache Drainage Canal	Marsh	-89.79167	29.58167	14	516							Approx 12 to 18 month repairs needed	B		Approx 12 to 18 month repairs needed	2	On site	20"		16-Sep-05			
	Pointe A La Hache-West		West Point A La Hache Drainage Canal	Jefferson Lake Canal	-89.60167	29.57	9	NA							Operable	Y										
	Scarsdale				89.90987	29.83314		(100)							Operable	Y										
	Sunrise #1		Sunrise Drainage	Marsh	-89.58167	29.325	8.3	100							Operable	Y		Needs 10,000 gallon fuel storage tank. Located 12,000 gal. temp tanks, proc started, may need to develop site containment								
	Sunrise #2		Sunrise Drainage	Marsh	-89.58167	29.325	14	250							Operable	Y										
	Burns-Triumph		Burns Drainage Canal	Bayou Grand Liard	-89.48	29.325	8	540							Operable	Y										
	Upper Ollie							250							Operable	Y										
	Active Pumping							560																		

1/ Pump capacities are 15 % less when on backup (25 cycle) power
2/ #6 has 3,000 cfs backup on 25 cycle and another 1,000 cfs on 60 cycle

Black (B) No data
Green (G) Greater than 90% of capacity available
Yellow (Y) 40-90% of capacity available
Red (R) Less than 40% of capacity available

Wendell, I need Lat, Long of
Belle Chasse #1, #2. Upper Ollie #1
Lower Ollie #3

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Section A Required Client Information:

Company: Materials Management Group, Inc.	
Address: 3520 General DeGaulle Suite 3010	
New Orleans, LA 70114	
Email To: Karlygibbs@mmgnola.com	
Phone: 504-368-0568	Fax: 504-368-8403
Requested Due Date/TAT:	

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No. 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	O&G/HexCr/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W28 32ACE-1025-PH					10/25	0830		21										✓	✓	✓	✓	✓	✓	✓		
2	W28 32ACE-1025-BV					10/25	09:40		21										✓	✓	✓	✓	✓	✓	✓		
3	W28 32ACE-1025-SC					10/25	10:30		21										✓	✓	✓	✓	✓	✓	✓		
4	W28 32ACE-1025-BW					10/25	11:10		21										✓	✓	✓	✓	✓	✓	✓		
5	W28 32ACE-1025-BC1					10/25	12:50		21										✓	✓	✓	✓	✓	✓	✓		
6	W28 32ACE-1025-BC2					10/25	13:30		21										✓	✓	✓	✓	✓	✓	✓		
7	W28 32ACE-1025-OL1					10/25	14:15		21										✓	✓	✓	✓	✓	✓	✓		
8	W28 32ACE-1025-OL2					10/25	14:40		21										✓	✓	✓	✓	✓	✓	✓		
9	W28 32ACE-1025-OL3					10/25	1500		21										✓	✓	✓	✓	✓	✓	✓		
10	W28 32ACE-1025_FBEB					10/25			3										✓								
11	W28 32ACE-1025-TBBB					10/25			3										✓								
12																											

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	10/25/05	1627	[signature]	10/25/05	1627

SAMPLE CONDITIONS

Temp in °C	Y/N	Y/N	Y/N
Received on Ice	Y/N	Y/N	Y/N
Custody Sealed Cooler	Y/N	Y/N	Y/N
Samples Intact	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell Thompson

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 10-25-05

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Materials Management Group, Inc.	Report To: Karly Gibbs	Attention: Accounts Payable
Address: 3520 General DeGaulle Suite 3010	Copy To: Paul Lo	Company Name: MMG
New Orleans, LA 70114		Address: 3520 General DeGaulle Suite 3010
Email To: Karlygibbs@mmgnola.com	Purchase Order No. 2832ACE:	Pace Quote Reference: MMG10110
Phone: 504-368-0568 Fax: 504-368-8403	Project Name:	Pace Project Manager: Craig McCollum
Requested Due Date/TAT:	Project Number:	Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

SITE LOCATION

☐ GA ☐ IL ☐ IN ☐ MI ☐ NC
☐ OH ☐ SC ☐ WI ☐ OTHER

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL, WP
WIPE	WI
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED Composite Start Date	Composite Start Time	Composite Endpoint Date	Composite Endpoint Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & OX	TAL Metals	Cyanide	OC/OP/HCO/PCC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W28322ACE-1025-DV					10/25	0905		21									✓	✓	✓	✓	✓	✓	✓		
2	W28322ACE-1025-GL					10/25	0955		21									✓	✓	✓	✓	✓	✓	✓		
3	W28322ACE-1025-TR					10/25	1010		21									✓	✓	✓	✓	✓	✓	✓		
4	W28322ACE-1025-SR1					10/25	1105		21									✓	✓	✓	✓	✓	✓	✓		
5	W28322ACE-1025-SR2					10/25	1120		21									✓	✓	✓	✓	✓	✓	✓		
6	W28322ACE-1025-GW					10/25	1205		21									✓	✓	✓	✓	✓	✓	✓		
7	W28322ACE-1025-HY					10/25	1240		21									✓	✓	✓	✓	✓	✓	✓		
8	W28322ACE-1025-D1					10/25	1310		21									✓	✓	✓	✓	✓	✓	✓		
9	W28322ACE-1025-D1a					10/25	1320		21									✓	✓	✓	✓	✓	✓	✓		
10	W28322ACE-1025-WPH					10/25	1355		21									✓	✓	✓	✓	✓	✓	✓		
11	W28322ACE-1025-TBWB					10/25			3									✓								
12	W28322ACE-1025-FBWB					10/25			3									✓								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Paul Lo	10/25/05	1627	[signature]	10/25/05	1627

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: [signature]

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

Company: Materials Management Group, Inc.
Address: 3520 General DeGaulle Suite 3010
New Orleans, LA 70114
Email To: Karlygibbs@mmgnola.com
Phone: 504-368-0568 Fax: 504-368-6403
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No. 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION

☐ GA ☐ IL ☐ IN ☐ MI ☐ NC
☐ OH ☐ SC ☐ WI ☐ OTHER_____

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AIR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses Requested: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	O&G/TKN/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D
1	W-28 32ACE-102705DVA	WT				10/27	09:00		21		x	x	x	x	x			✓	✓	✓	✓	✓	✓	✓		
2	W28 32ACE102705GL					10/27	09:45		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
3	W28 32ACE102705SR1					10/27	10:20		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
4	W28 32ACE102705SR2					10/27	10:35		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
5	W28 32ACE102705GW					10/27	11:40		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
6	W28 32ACE102705HY					10/27	12:10		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
7	W28 32ACE102705TR					10/27	13:40		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
8	W28 32ACE102705DIa					10/27	14:30		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
9	W28 32ACE102705DI					10/27	14:45		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
10	W28 32ACE102705WPH					10/27	15:10		20		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		
11	W28 32ACE102705TBWB					10/27			2									✓								
12	W28 32ACE102705FBWB					10/27			2									✓								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
W. Thompson	10/27	1705	[signature]	10/27/05	1705

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell Thompson Jr.
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/27/05

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

Company: Materials Management Group, Inc	
Address: 3520 General DeGaulle Suite 3010	
New Orleans, LA 70114	
Email To: Karlygibbs@mmgnola.com	
Phone: 504-368-0568	Fax: 504-368-8403
Requested Due Date/TAT:	

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Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No. 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WF
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses Test: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	T.R.L. Metals	Cyanide	O&G/NH3/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D.
1	W-2B32ACE-1027 05OL1	WT				10/27	12:40		21		x	x	x	x	x			✓	✓	✓	✓	✓	✓	✓	
2	W2B32ACE1027 05OL2					10/27	1300		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
3	W2B32ACE1027 05OL3					10/27	13:15		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
4	W2B32ACE1027 05PH					10/27	08:40		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
5	W2B32ACE1027 05SC					10/27	10:00		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
6	W2B32ACE1027 05BV					10/27	09:40		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
7	W2B32ACE1027 05BW					10/27	10:30		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
8	W2B32ACE1027 05BC1					10/27	11:40		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
9	W2B32ACE1027 05BC2					10/27	12:15		21		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
10	W2B32ACE1027 05TBEB					10/27			2									✓							
11	W2B32ACE1027 05FBEB					10/27			2									✓							
12																									

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
W. Thompson	10/27	705	[signature]	10/27/05	1705

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Windell Thompson

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/27/05

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Section A Required Client Information:

Company: Materials Management Group, Inc.	
Address: 3520 General DeGaulle Suite 3010	
New Orleans, LA 70114	
Email To: Karlygibbs@mmgnola.com	
Phone: 504-368-0568	Fax: 504-368-8403
Requested Due Date/TAT:	

Section B Required Project Information:

Report To: Karly Gibbs	
Copy To: Paul Lo	
Purchase Order No. 2832ACE:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention: Accounts Payable	
Company Name: MMG	
Address: 3520 General DeGaulle Suite 3010	
Pace Quote Reference: MMG10110	
Pace Project Manager: Craig McCollum	
Pace Profile #: 2943	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	O&G/NH3/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W-2832ACE-110105-PH	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
2	W2832ACE110105BC1	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
3	W2832ACE110105BC2	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
4	W2832ACE110105BW	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
5	W2832ACE110105SC	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
6	W2832ACE110105BV	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
7	W2832ACE110106OL1	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
8	W2832ACE110105OL2	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
9	W2832ACE110105OL3	WT				11/1			21		X	X	X	X	X			X	X	X	X	X	X	X		
10	W2832ACE110105TBEB	WT				11/1	—		2				X					X								
11	W2832ACE110105FBEB	WT				11/1	—		2				X					X								
12																										

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	11/1	1551	[signature]	11/1	1531

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Section A Required Client Information:

Company: Materials Management Group, Inc.
Address: 3520 General DeGaulle Suite 3010
New Orleans, LA 70114
Email To: Karlygibbs@mmgnola.com
Phone: 504-368-0568 Fax: 504-368-8403
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No: 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: Volatiles/TPH-Gasoline	SVOC/Pesticides/PCB/Herbs	TPH-Diesel & Oil	TAL Metals	Cyanide	OC&GC/VOC/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W-28 32ACE-110105-DI a	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
2	W28 32ACE110105DI	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
3	W28 32ACE110105WP H	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
4	W28 32ACE110105HY	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
5	W28 32ACE110105GW	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
6	W28 32ACE110105SR1	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
7	W28 32ACE110105SR2	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
8	W28 32ACE110105TR	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
9	W28 32ACE110105DV	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
10	W28 32ACE110105GL	WT				11/1			21		X	X	X	X	X				X	X	X	X	X	X	X		
11	W28 32ACE110105TBWB	WT				11/1	—		2				X						X								
12	W28 32ACE110105FBWB	WT				11/1	—		2				X						X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson Jr	11/1	153	[signature]	11/1/05	153

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell Thompson Jr
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/01/05

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Materials Management Group, Inc.	Report To: Karly Gibbs	Attention: Accounts Payable
Address: 3520 General DeGaulle Suite 3010	Copy To: Paul Lo	Company Name: MMG
New Orleans, LA 70114		Address: 3520 General DeGaulle Suite 3010
Email To: Karlygibbs@mmgnola.com	Purchase Order No. 2832ACE:	Pace Quote Reference: MMG10110
Phone: 504-368-0568 Fax: 504-368-8403	Project Name:	Pace Project Manager: Craig McCollum
Requested Due Date/TAT:	Project Number:	Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	AR
AIR	OT
OTHER	TS
TISSUE	

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	O&G/NH3/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	~~W2832ACE110305GW~~	~~WT~~							~~21~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~			~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
2	W2832ACE110305BC1	WT				11/3	12:40		21		X	X	X	X	X			X	X	X	X	X	X	X		
3	W2832ACE110305BC2	WT				11/3	13:00		21		X	X	X	X	X			X	X	X	X	X	X	X		
4	W2832ACE110305BW	WT				11/3	11:05		21		X	X	X	X	X			X	X	X	X	X	X	X		
5	W2832ACE110305SC	WT				11/3	10:15		21		X	X	X	X	X			X	X	X	X	X	X	X		
6	W2832ACE110305PH	WT				11/3	08:30		21		X	X	X	X	X			X	X	X	X	X	X	X		
7	W2832ACE110305BV	WT				11/3	09:10		21		X	X	X	X	X			X	X	X	X	X	X	X		
8	W2832ACE110305OL1	WT				11/3	13:40		21		X	X	X	X	X			X	X	X	X	X	X	X		
9	W2832ACE110305OL2	WT				11/3	13:55		21		X	X	X	X	X			X	X	X	X	X	X	X		
10	W2832ACE110305OL3	WT				11/3	14:10		21		X	X	X	X	X			X	X	X	X	X	X	X		
11	W2832ACE110305TBEB	WT				11/3	—		2				X					X								
12	W2832ACE110305FBEB	WT				11/3	—		2				X					X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	11/3	1610	[signature]	11/3	1610

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell Thompson
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM / DD / YY): 11/03/05

C

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Materials Management Group, Inc.	Report To: Karly Gibbs	Attention: Accounts Payable
Address: 3520 General DeGaulle Suite 3010	Copy To: Paul Lo	Company Name: MMG
New Orleans, LA 70114		Address: 3520 General DeGaulle Suite 3010
Email To: Karlygibbs@mmgnola.com	Purchase Order No. 2832ACE:	Pace Quote Reference: MMG10110
Phone: 504-368-0568 Fax: 504-368-6403	Project Name:	Pace Project Manager: Craig McCollum
Requested Due Date/TAT:	Project Number:	Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	O&G/NH3/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W-2832ACE-110305-GW	WT				11/3	11:25		21		X	X	X	X	X			X	X	X	X	X	X	X		
2	W2832ACE110305DV	WT				11/3	08:50		21		X	X	X	X	X			X	X	X	X	X	X	X		
3	W2832ACE110305GL	WT				11/3	09:25		21		X	X	X	X	X			X	X	X	X	X	X	X		
4	W2832ACE110305TR	WT				11/3	09:40		21		X	X	X	X	X			X	X	X	X	X	X	X		
5	W2832ACE110305SR1	WT				11/3	10:30		21		X	X	X	X	X			X	X	X	X	X	X	X		
6	W2832ACE110305SR2	WT				11/3	10:50		21		X	X	X	X	X			X	X	X	X	X	X	X		
7	W2832ACE110305HY	WT				11/3	11:55		21		X	X	X	X	X			X	X	X	X	X	X	X		
8	W2832ACE110305DI	WT				11/3	12:15		21		X	X	X	X	X			X	X	X	X	X	X	X		
9	W2832ACE110305DIa	WT				11/3	12:30		21		X	X	X	X	X			X	X	X	X	X	X	X		
10	W2832ACE110305WPH	WT				11/3	12:55		21		X	X	X	X	X			X	X	X	X	X	X	X		
11	W2832ACE110305TBWB	WT				11/3	—		2				X					X								
12	W2832ACE110305FBWB	WT				11/3	—		2				X					X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	11/3	1610	[signature]	11/5	1610

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell Thompson

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM / DD / YY): 11/03/05

C

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CHAIN OF-CUSTODY / Analytical Request Document

The Chain of Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: Materials Management Group, Inc.	
Address: 3520 General DeGaulle Suite 3010	
New Orleans, LA 70114	
Email To: Karlygibbs@mmgnola.com	
Phone: 504-368-0568	Fax: 504-368-8403
Requested Due Date/TAT:	

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No. 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2043

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION

☐ GA ☐ IL ☐ IN ☐ MI ☐ NC
☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses Requested: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	GM/GN/H3/CD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W-28 32ACE-11 08 05-DI	WT	G			11/8	12:00		21		X	X	X	X	X			X	X	X	X	X	X	X		
2	W28 32ACE11 08 05DIa	WT	G			11/8	12:10		21		X	X	X	X	X			X	X	X	X	X	X	X		
3	W28 32ACE11 08 05SRa	WT	G			11/8	10:10		21		X	X	X	X	X			X	X	X	X	X	X	X		
4	W28 32ACE11 08 05SRa	WT	G			11/8	10:25		21		X	X	X	X	X			X	X	X	X	X	X	X		
5	W28 32ACE11 08 05TR	WT	G			11/8	09:20		21		X	X	X	X	X			X	X	X	X	X	X	X		
6	W28 32ACE11 08 05DV	WT	G			11/8	08:50		21		X	X	X	X	X			X	X	X	X	X	X	X		
7	W28 32ACE11 08 05GL	WT	G			11/8	09:40		21		X	X	X	X	X			X	X	X	X	X	X	X		
8	W28 32ACE11 08 05HY	WT	G			11/8	11:35		21		X	X	X	X	X			X	X	X	X	X	X	X		
9	W28 32ACE11 08 05GW	WT	G			11/8	11:05		21		X	X	X	X	X			X	X	X	X	X	X	X		
10	W28 32ACE11 08 05WPH	WT	G			11/8	12:35		21		X	X	X	X	X			X	X	X	X	X	X	X		
11	W28 32ACE11 08 5TBWB	WT	–			11/8	–		2				X					X								
12	W28 32ACE11 08 5FBWB	WT	–			11/8	–		2				X					X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	11/8	1523	[signature]	11/8	1523

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell Thompson

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/08/05

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain of Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: Materials Management Group, Inc	
Address: 3520 General DeGaulle Suite 3010	
New Orleans, LA 70114	
Email To: Karlygibbs@mmgnola.com	
Phone: 504-368-0568	Fax: 504-368-8403
Requested Due Date/TAT:	

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No: 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

SAMPLE ID
One Character per box
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AIR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses Test: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	OM&GINS/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	~~WT2831ACE11 0 5 0 5 D1~~	WT							21		X	X	X	X	X			X	X	X	X	X	X	X		
2	WT2831ACE11 0 5 0 5 BC1	WT	G			11/8	1115		21		X	X	X	X	X			X	X	X	X	X	X	X		
3	WT2831ACE11 0 5 0 5 BC2	WT	G			11/8	1140		21		X	X	X	X	X			X	X	X	X	X	X	X		
4	WT2831ACE11 0 5 0 5 BW	WT	G			11/8	1020		21		X	X	X	X	X			X	X	X	X	X	X	X		
5	WT2831ACE11 0 5 0 5 SC	WT	G			11/8	09:45		21		X	X	X	X	X			X	X	X	X	X	X	X		
6	WT2831ACE11 0 5 0 5 PH	WT	G			11/8	1840		21		X	X	X	X	X			X	X	X	X	X	X	X		
7	WT2831ACE11 0 5 0 5 BV	WT	G			11/8	09:00		21		X	X	X	X	X			X	X	X	X	X	X	X		
8	WT2831ACE11 0 5 0 5 OL2	WT	G			11/8	12:15		21		X	X	X	X	X			X	X	X	X	X	X	X		
9	WT2831ACE11 0 5 0 5 OL2	WT	G			11/8	12:33		21		X	X	X	X	X			X	X	X	X	X	X	X		
10	WT2831ACE11 0 5 0 5 OL3	WT	G			11/8	12:45		21		X	X	X	X	X			X	X	X	X	X	X	X		
11	WT2831ACE11 0 5 0 5 TBEB	WT	–			11/8	–		2				X					X								
12	WT2831ACE11 0 5 0 5 FBEB	WT	–			11/8	–		2				X					X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	11/8		[signature]	11/8	1525

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ~~Paul Lo~~ Gary Brooks

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 11/08/05

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: Materials Management Group, Inc.
Address: 3520 General DeGaulle Suite 3010
New Orleans, LA 70114
Email To: Karlygibbs@mmgnola.com
Phone: 504-368-0568 Fax: 504-368-8403
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No. 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATE ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis 1	Analysis 2	Analysis 3	Analysis 4	Analysis 5	Analysis 6	Analysis 7	Analysis 8	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D.
											Preservatives							Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	O&G/NH3/COD/TOC	BOD/TSS		
1	W-28AC E-110 0 05-BC1	WT				11/8	11:05		21		X	X	X	X	X			X	X	X	X	X	X	X		
2	W-28AC E-110 0 05-BC2	WT				11/8	11:30		21		X	X	X	X	X			X	X	X	X	X	X	X		
3	W-28AC E-110 0 05-BW	WT				11/8	10.00		21		X	X	X	X	X			X	X	X	X	X	X	X		
4	W-28AC E-110 0 05-SC	WT				11/8	09:25		21		X	X	X	X	X			X	X	X	X	X	X	X		
5	W-28AC E-110 0 05-PH	WT				11/8	08:20		21		X	X	X	X	X			X	X	X	X	X	X	X		
6	W-28AC E-110 0 05-BV	WT				11/8	08:45		21		X	X	X	X	X			X	X	X	X	X	X	X		
7	W-28AC E-110 0 05-OL1	WT				11/8	12:05		21		X	X	X	X	X			X	X	X	X	X	X	X		
8	W-28AC E-110 0 05-OL2	WT				11/8	12:20		21		X	X	X	X	X			X	X	X	X	X	X	X		
9	W-28AC E-110 0 05-OL3	WT				11/8	12:35		21		X	X	X	X	X			X	X	X	X	X	X	X		
10	W-28AC E-110 0 05-SR1	WT				11/8	10:00		21		X	X	X	X	X			X	X	X	X	X	X	X		
11	W-28AC E-110 0 05-TBEB	WT				11/8	—		2 air				X					X								
12	W-28AC E-110 0 05-FBEB	WT				11/8	—		2 air				X					X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson Jr.	11/10	1441	[signature]	11/10	1441

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell T. Thompson Jr.
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11-10-05

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

Company: Materials Management Group, Inc.
Address: 3520 General DeGaulle Suite 3010
New Orleans, LA 70114
Email To: Karlygibbs@mmgnola.com
Phone: 504-368-0568 Fax: 504-368-8403
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No.: 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE ENDGRAB DATE	COLLECTED COMPOSITE ENDGRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & OR	T.N. Metals	Cyanide	OR/GN/HS/COD/TOC	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W-28ACE-1100-5-DI	WT				11/15	11:40		21		X	X	X	X	X			X	X	X	X	X	X	X		
2	W-28ACE-1100-5-DIA	WT				11/15	11:55		21		X	X	X	X	X			X	X	X	X	X	X	X		
3	W-28ACE-1100-5-SR2	WT				11/15	10:20		21		X	X	X	X	X			X	X	X	X	X	X	X		
4	W-28ACE-1100-5-TR	WT				11/15	09:15		21		X	X	X	X	X			X	X	X	X	X	X	X		
5	W-28ACE-1100-5-DV	WT				11/15	08:50		21		X	X	X	X	X			X	X	X	X	X	X	X		
6	W-28ACE-1100-5-GL	WT				11/15	09:30		21		X	X	X	X	X			X	X	X	X	X	X	X		
7	W-28ACE-1100-5-HY	WT				11/15	11:20		21		X	X	X	X	X			X	X	X	X	X	X	X		
8	W-28ACE-1100-5-GW	WT				11/15	10:55		21		X	X	X	X	X			X	X	X	X	X	X	X		
9	W-28ACE-1100-5-WPH	WT				11/15	12:15		21		X	X	X	X	X			X	X	X	X	X	X	X		
10	W-28																									
11	W-28ACE-1100-TBWB	WT				11/15	—		2				X					X								
12	W-28ACE-1100-FBWB	WT				11/15	—		2				X					X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson Jr	11/10	1441	[signature]	11/10	1441

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell Thompson Jr.
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 11-18-05

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

Company: Materials Management Group, Inc.	
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New Orleans, LA 70114	
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Requested Due Date/TAT:	

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Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No. 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	AIR
AIR	OT
OTHER	TS
TISSUE	

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	O&G/NH3/COD/TOC	SO4/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	W-28326ACE-1122005-BC1	WT	G			11/22	11:30		21		X	X	X	X	X				X	X	X	X	X	X	X		
2	W-28326ACE-1122005-BC2	WT	G			11/22	11:55		21		X	X	X	X	X				X	X	X	X	X	X	X		
3	W-28326ACE-1122005-BW	WT	G			11/22	10:20		21		X	X	X	X	X				X	X	X	X	X	X	X		
4	W-28326ACE-1122005-SC	WT	G			11/22	09:45		21		X	X	X	X	X				X	X	X	X	X	X	X		
5	W-28326ACE-1122005-PH	WT	G			11/22	08:40		21		X	X	X	X	X				X	X	X	X	X	X	X		
6	W-28326ACE-1122005-BV	WT	G			11/22	09:05		21		X	X	X	X	X				X	X	X	X	X	X	X		
7	W-28326ACE-1122005-OL1	WT	G			11/22	12:50		21		X	X	X	X	X				X	X	X	X	X	X	X		
8	W-28326ACE-1122005-OL2	WT	G			11/22	13:10		21		X	X	X	X	X				X	X	X	X	X	X	X		
9	W-28326ACE-1122005-OL3	WT	G			11/22	13:30		21		X	X	X	X	X				X	X	X	X	X	X	X		
10	W-28326ACE-1122005-SR1	WT	G			11/22	10:15		21		X	X	X	X	X				X	X	X	X	X	X	X		
11	W-28326ACE-1122005-TBEB	WT					—		4										X								
12	W-28326ACE-1122005-FBEB	WT					—		4										X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	11/22	1427	[signature]	11/22	1427

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell J. Thompson Jr.
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/22/05

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

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Address: 3520 General DeGaulle Suite 3010	
New Orleans, LA 70114	
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Phone: 504-368-0568	Fax: 504-368-8403
Requested Due Date/TAT:	

Section B Required Project Information:

Report To: Karly Gibbs
Copy To: Paul Lo
Purchase Order No. 2832ACE:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Accounts Payable
Company Name: MMG
Address: 3520 General DeGaulle Suite 3010
Pace Quote Reference: MMG10110
Pace Project Manager: Craig McCollum
Pace Profile #: 2943

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION: ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	WP
AIR	AIR
OTHER	OT
TISSUE	TS

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: Volatiles/TPH-Gasoline	SVOC/Pest/PCB/Herb	TPH-Diesel & Oil	TAL Metals	Cyanide	$CBOD/NH_3/COD/TOC$	BOD/TSS	Residual Chlorine (Y/N)	Pace Project Number Lab I.D
1	W-28322ACE-1122-05-DI	WT	G			11/22	11:50		21		X	X	X	X	X				X	X	X	X	X	X	X		
2	W-28322ACE-1122-05-DIA	WT	G			11/22	12:00		21		X	X	X	X	X				X	X	X	X	X	X	X		
3	W-28322ACE-1122-05-SR2	WT	G			11/22	10:30		21		X	X	X	X	X				X	X	X	X	X	X	X		
4	W-28322ACE-1122-05-TR	WT	G			11/22	07:20		21		X	X	X	X	X				X	X	X	X	X	X	X		
5	W-28322ACE-1122-05-DV	WT	G			11/22	08:50		21		X	X	X	X	X				X	X	X	X	X	X	X		
6	W-28322ACE-1122-05-GL	WT	G			11/22	09:30		21		X	X	X	X	X				X	X	X	X	X	X	X		
7	W-28322ACE-1122-05-HY	WT	G			11/22	11:30		21		X	X	X	X	X				X	X	X	X	X	X	X		
8	W-28322ACE-1122-05-GW	WT	G			11/22	11:00		21		X	X	X	X	X				X	X	X	X	X	X	X		
9	W-28322ACE-1122-05-WPH	WT	G			11/22	12:20		21		X	X	X	X	X				X	X	X	X	X	X	X		
10																											
11	W-28322ACE-1122-05-TBWB	WT							4										X								
12	W-28322ACE-1122-05-FBWB	WT							4										X								

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Wendell Thompson	11/22	1427	[signature]	11/22	1427

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wendell J. Thompson Jr.

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/22/05

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1025-PH

Sample Location: Ponte A. La Hache

Date (YYMMDD): 05-10-25

Time (HHMMSS): 08:50:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/[Water]

Sample Qualifier: QA/QC/RB/CS

Sample Type: [GRAB]/COMP./NA

Sampler: W. Thompson

Witness: G. Brooks

Contractor: MMG

Remarks: Intake

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.37	
Temp	16.8 °C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1025 B1

Sample Location: Bellevue

Date (YYMMDD): 05-10-25

Time (HHMMSS): 09:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: W. Thompson

Witness: G. Brooks

Contractor: MMG

Remarks: Intake

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.43	
Temp	17.4 °c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: N-2832ACE-1025 SC

Sample Location: Scarsdale

Date (YYMMDD): 05-10-25

Time (HHMMSS): 10:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: G. Brooks

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.28	
Temp	18.7°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s
Sample I.D.: W-2832ACE-1025-BW	
Sample Location: Braithwaite	
Date (YYMMDD): 05-10-25	
Time (HHMMSS): 11:10:00	
Top Depth: NA	
Bottom Depth: NA	
Matrix:	Sed/Soil/Water
Sample Qualifier:	QA/QC/RB/CS
Sample Type:	GRAB/COMP./NA
Sampler: Wendell Thompson	
Witness: Gary Brooks	
Contractor:	MMG
Remarks:	
Weather: Rain Event	YES/NO
Prepared by:	
Checked by:	

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.33	
Temp	16.3 °C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1025-BC1

Sample Location: Belle Chasse 1

Date (YYMMDD): 05-10-25

Time (HHMMSS): 12:50:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Gary Brooks

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.24	
Temp	16.5°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832 ACE 1025-BC2

Sample Location: Belle Chase 2

Date (YYMMDD): 05-10-25

Time (HHMMSS): 13:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Gary Brooks

Contractor: MMG

Remarks: E. G. Antoine from Jeff. parish Public Works BC2. let us into gate

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.64	
Temp	21.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1025-OL1

Sample Location: Ollie #1 Upper Ollie ~~W-2832ACE-1025-OL1~~

Date (YYMMDD): 05-10-25

Time (HHMMSS): 14:15:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

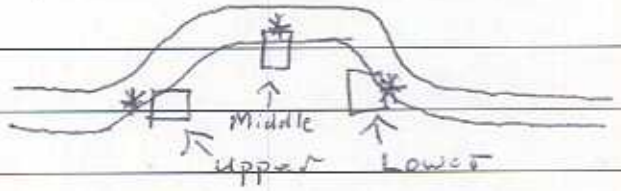
Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Gary Brooks

Contractor: MMG

Remarks: Ollie 1, 2, & 3 all intake from the same canal and output to the same bayou.



Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.55	
Temp	18.8°c	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1025-OL2

Sample Location: OLLIE 2 (M.d. Ollie)

Date (YYMMDD): 05-10-25

Time (HHMMSS): 14:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Gary Brooks

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.96	
Temp	19.6 °c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1025-OL3

Sample Location: OLLIE 3 (Lower Ollie)

Date (YYMMDD): 05-10-25

Time (HHMMSS): 15:00:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Gary Brooks

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.90	
Temp	20.6°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s
Sample I.D.:	W-2832ACE-1025-DV
Sample Location:	Duric Pumping Stn
Date (YYMMDD):	10/25/05
Time (HHMMSS):	0906
Top Depth: NA	
Bottom Depth: NA	
Matrix:	Sed/Soil/Water
Sample Qualifier:	QA/QC/RB/CS
Sample Type:	GRAB/COMP./NA
Sampler:	Paul Lo
Witness:	Richard EnCalade
Contractor:	MMG
Remarks:	
Weather: Rain Event	YES/NO
Prepared by:	
Checked by:	

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.71	
Temp	17.2°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832/ACE-1025-GL

Sample Location: Grand Liard

Date (YYMMDD): 10/25/05

Time (HHMMSS): 0955

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PLO

Witness: R. Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.70	
Temp	18.0	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1025-TR

Sample Location: Triumph

Date (YYMMDD): 10/25/05

Time (HHMMSS): 1010

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: P Xo

Witness: R. Escalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.75	
Temp	17.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W2832ACE - 1025 - SR 1

Sample Location: Sun Rise PS # 1

Date (YYMMDD): 10/25/05

Time (HHMMSS): 11 : 05

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: P. Ko

Witness: R. Encalde

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.68	
Temp	16.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W2832ACE-1025-SR2

Sample Location: Sunrise #2

Date (YYMMDD): 10/25/05

Time (HHMMSS): 1120

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: P Lo

Witness: R. Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.92	
Temp	16.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W2832 ACE-1025-GW

Sample Location: Grand Wood P.S

Date (YYMMDD): 10/25/05

Time (HHMMSS): 1205

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: [illegible]

Witness: R. Escalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.12	
Temp	17.0	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W2832ACE-1025-HY

Sample Location: Hayes P.S.

Date (YYMMDD): 10/25/05

Time (HHMMSS): 12:40

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PLo

Witness: R. Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.70	
Temp	19.0	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W 2832ACE-102t-D1

Sample Location: Diamond P.S

Date (YYMMDD): 10/25/05

Time (HHMMSS): 1310

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: P. Lo

Witness: R. Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.48	
Temp	17.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W2832ACE. 1025 - D/a

Sample Location: Diamond Duplicate

Date (YYMMDD): 10/25/05

Time (HHMMSS): 1320

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: P. Lo

Witness: R. DaCalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.77	
Temp	17.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W2832ACE-1025-WPH

Sample Location: West Point-a-La Hache

Date (YYMMDD): 10/25/05

Time (HHMMSS): 1355

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PLD

Witness: R. EnCalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.81	
Temp	17°	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1027-DV

Sample Location: Duvic

Date (YYMMDD): 05-10-27

Time (HHMMSS): 09:00:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.92	
Temp	17.0°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE - 1027 - GL

Sample Location: Grand Liard

Date (YYMMDD): 05 - 10 - 27

Time (HHMMSS): 09:45:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.72	
Temp	16 °c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W - 2832ACE - 1021 - SR1

Sample Location: Sunrise 1

Date (YYMMDD): 05 - 10 - 27

Time (HHMMSS): 10:20

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Eucdlade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.86	
Temp	18.0 °c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1027-SR2

Sample Location: Sunrise 2

Date (YYMMDD): 05-10-27

Time (HHMMSS): 10:35:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.70	
Temp	18.8°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ALE-1027-GW

Sample Location: Gainard Woods

Date (YYMMDD): 05-10-27

Time (HHMMSS): 11:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.51	
Temp	18.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1027-HY

Sample Location: Hayes

Date (YYMMDD): 05-10-27

Time (HHMMSS): 12:10:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.38	
Temp	19.0 °C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1027-TR

Sample Location: Triumph

Date (YYMMDD): 05-10-27

Time (HHMMSS): 13:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.61	
Temp	19.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2831ACE-1021-DIa

Sample Location: Diamond

Date (YYMMDD): ~~Diamo~~ WT 05-10-27

Time (HHMMSS): 14:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.48	
Temp	18.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1027-DI

Sample Location: Diamond

Date (YYMMDD): 05-10-27

Time (HHMMSS): 14:45:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/[Water]

Sample Qualifier: QA/QC/RB/CS

Sample Type: [GRAB]/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Escalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/(NO)

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.12	
Temp	19.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1027-WPH

Sample Location: West Point La Hache

Date (YYMMDD): 05-10-27

Time (HHMMSS): 15:10:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks: Only 20 samples in cooler. NH_3 250ml plastic bottle was not in cooler.

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	0
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.47	
Temp	18.0°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-PH

Sample Location: POINTE A LA HACHE

Date (YYMMDD): 10-27-05

Time (HHMMSS): 0840

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.32	
Temp	17.0°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-SC

Sample Location: SCARSDALE

Date (YYMMDD): 10-27-05.

Time (HHMMSS): 1000

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.97	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-BV

Sample Location: BELLVUE

Date (YYMMDD): 10-27-05

Time (HHMMSS): 0910

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.78	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-BW

Sample Location: BRAITWAITE

Date (YYMMDD): 10-27-05

Time (HHMMSS): 1030

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	9.03	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-BC1

Sample Location: BELLE CHASSE 1

Date (YYMMDD): 10-27-05

Time (HHMMSS): 1140

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.51	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-BC2

Sample Location: BELLE CHASSE 2

Date (YYMMDD): 10-27-05

Time (HHMMSS): 1215

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.19	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-OL1

Sample Location: OLLIE 1

Date (YYMMDD): 10-27-05

Time (HHMMSS): 1240

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.69	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-OL2

Sample Location: OLLIE 2

Date (YYMMDD): 1027-05

Time (HHMMSS): 1300

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.63	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-OL3

Sample Location: OLLIE 3

Date (YYMMDD): 10-27-05

Time (HHMMSS): 1315

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.77	
Temp	17	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-PH

Sample Location: POINTE A LA HACHE

Date (YYMMDD): 11-01-05

Time (HHMMSS): 0825

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.03	
Temp	18.6	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-BV

Sample Location: BELLEVUE

Date (YYMMDD): 11-01-05

Time (HHMMSS): 0850

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.75	
Temp	17.1	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-SC

Sample Location: SCARSDALE

Date (YYMMDD): 11-01-05

Time (HHMMSS): 0940

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.08	
Temp	18.3	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-

Sample Location: BRAITHWAITE

Date (YYMMDD): 11-01-05

Time (HHMMSS): 1025

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.21	
Temp	18.4	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-BC1

Sample Location: BELLE CHASSE 1

Date (YYMMDD): 11-01-05

Time (HHMMSS): 1125

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.90	
Temp	18.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-BC2

Sample Location: BELLE CHASSE 2

Date (YYMMDD): 11-01-05

Time (HHMMSS): 1200

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOFS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.44	
Temp	18.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-OL1

Sample Location: OLLIE 1

Date (YYMMDD): 11-01-05

Time (HHMMSS): 1235

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.51	
Temp	17.2	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-012

Sample Location: OLLIE 2

Date (YYMMDD): 11-01-05

Time (HHMMSS): 1255

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.48	
Temp	17.3	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-01-05-OL3

Sample Location: OLLIE 3

Date (YYMMDD): 11-01-05

Time (HHMMSS): 1315

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.41	
Temp	17.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1101-DV

Sample Location: Davis

Date (YYMMDD): 05-11-01

Time (HHMMSS): 08:50:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks: Station not running

Weather: Rain Event YES/NO

Prepared by: W. Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.76	
Temp	16 °c	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1101-TR

Sample Location: Triumph

Date (YYMMDD): 05-11-01

Time (HHMMSS): 09:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: W. Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.17	
Temp	17.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1101-GL

Sample Location: Grand Liard

Date (YYMMDD): 05-11-01

Time (HHMMSS): 09:45:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/~~NO~~

Prepared by: W. Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.46	
Temp	17.5°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1101-SR1

Sample Location: Sunrise 1

Date (YYMMDD): 05-11-01

Time (HHMMSS): 10:15:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: W. Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.54	
Temp	18.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W - 2832 ACE - 1101 - SR2

Sample Location: Sunrise 2

Date (YYMMDD): 05 - 11 - 01

Time (HHMMSS): 10:45:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: W. Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.25	
Temp	18°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1101-GW

Sample Location: Grainard Woods

Date (YYMMDD): 05-11-01

Time (HHMMSS): 11:15:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.66	
Temp	18.0°C	

MMG

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s
Sample I.D.: W - 2832 ACE - 1101 - HY	
Sample Location: Hayes	
Date (YYMMDD): 05: 11: 01	
Time (HHMMSS): 11: 45: 00	
Top Depth: NA	
Bottom Depth: NA	
Matrix: Sed/Soil/Water	
Sample Qualifier: QA/QC/RB/CS	
Sample Type: GRAB/COMP./NA	
Sampler: Wendell Thompson	
Witness: Richard Encalade	
Contractor: MMG	
Remarks:	
Weather: Rain Event YES/NO	
Prepared by: [signature]	
Checked by:	

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.44	
Temp	18.0°C	

MMG

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s
Sample I.D.: W-2832ACE-1101-DI	
Sample Location: Diamond	
Date (YYMMDD): 05-11-01	
Time (HHMMSS): 12:10:00	
Top Depth: NA	
Bottom Depth: NA	
Matrix: Sed/Soil/Water	
Sample Qualifier: QA/QC/RB/CS	
Sample Type: GRAB/COMP./NA	
Sampler: Wendell Thompson	
Witness: Richard Encalade	
Contractor: MMG	
Remarks:	
Weather: Rain Event YES/NO	
Prepared by: Will Thompson	
Checked by:	

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.44	
Temp	17.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832 ACE - 1101 - DIa

Sample Location: Diamond

Date (YYMMDD): 05 - 11 - 01

Time (HHMMSS): 12:20:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.44	
Temp	11.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832 ACE-1101-WPH

Sample Location: West Ponte La Hache

Date (YYMMDD): 05-11-01

Time (HHMMSS): 12:50:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.53	
Temp	16.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-03-05-PA

Sample Location: POINTE A LA HACHE

Date (YYMMDD): 11-03-05

Time (HHMMSS): 0830

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.89	
Temp	17.0	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-0205-BV

Sample Location: BELLEVUE

Date (YYMMDD): 11-03-05

Time (HHMMSS): 0910

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.35	
Temp	16.1	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-03-05-SC

Sample Location: SCARSDALE

Date (YYMMDD): 11-03-05

Time (HHMMSS): 1015

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.54	
Temp	18.3	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-03-05-BW

Sample Location: BRAITHWAITE

Date (YYMMDD): 11-03-05

Time (HHMMSS): 1105

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.72	
Temp	18.4	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-03-05-BC1

Sample Location: BELLE CHASSE 1

Date (YYMMDD): 11-03-05

Time (HHMMSS): 1240

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.48	
Temp	19.9	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-03-05-BC2

Sample Location: BELLE CHASSE 2

Date (YYMMDD): 11-03-05

Time (HHMMSS): 1300

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.85	
Temp	20.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-03-05-OL1

Sample Location: OLLIE 1

Date (YYMMDD): 11-03-05

Time (HHMMSS): 1340

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.91	
Temp	17.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-03-05-OLZ

Sample Location: OLLIE 2

Date (YYMMDD): 11-03-05

Time (HHMMSS): 1355

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.06	
Temp	19.3	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-P1-03-05-OL3

Sample Location: OLLIE 3

Date (YYMMDD): 11-03-05

Time (HHMMSS): 1410

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: PAUL LO

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.38	
Temp	21.9	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-DV

Sample Location: DUVIL

Date (YYMMDD): 05-11-03

Time (HHMMSS): 08:50:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.38	
Temp	16.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-GL

Sample Location: Grand Liard

Date (YYMMDD): 05-11-03

Time (HHMMSS): 09:25:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell J Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.27	
Temp	18.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W - 2832ACE - 1109 - TR

Sample Location: Triumph

Date (YYMMDD): 05-11-03

Time (HHMMSS): 09:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.25	
Temp	18.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1109-SR1

Sample Location: Sunrise #1

Date (YYMMDD): 05-11-03

Time (HHMMSS): 10:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	6.99	
Temp	18.5°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-SR2

Sample Location: Sunrise #2

Date (YYMMDD): 05-11-03

Time (HHMMSS): 10:50.00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.02	
Temp	18.5°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-GW

Sample Location: W-2832ACE-1103-GW

Date (YYMMDD): Gainard Woods 05-11-03

Time (HHMMSS): [illegible]

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.26	
Temp	18.5°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-HY

Sample Location: Hayes

Date (YYMMDD): 05-11-03

Time (HHMMSS): 11:55:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell J. Thompson Jr.

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.53	
Temp	19.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-DF

Sample Location: Diamond

Date (YYMMDD): 05-11-03

Time (HHMMSS): 12:15:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.36	
Temp	19.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-DIa

Sample Location: Diamond

Date (YYMMDD): 05-11-03

Time (HHMMSS): 12:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encolade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell J. Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.38	
Temp	19°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1103-WPH

Sample Location: West Pointe A La Hache

Date (YYMMDD): 05-11-03

Time (HHMMSS): 12:55:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH-	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.45	
Temp	21.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-DV

Sample Location: Duvic

Date (YYMMDD): 05-11-08

Time (HHMMSS): 08:50:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell T. Thompson Jr.

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.22	
Temp	21.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-TR

Sample Location: Triumph

Date (YYMMDD): 05-11-08

Time (HHMMSS): 09:20:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/[Water]

Sample Qualifier: QA/QC/RB/CS

Sample Type: [GRAB]/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encolade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	~~[illegible]~~	7.80
Temp	20.0°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-GL

Sample Location: Grand Liard

Date (YYMMDD): 05-11-08

Time (HHMMSS): 09:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.85	
Temp	20.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-5R1

Sample Location: Sunrise 1

Date (YYMMDD): 05-11-08

Time (HHMMSS): 10:10:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.15	
Temp	20.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-SR2

Sample Location: Sunrise 2

Date (YYMMDD): 05-11-08

Time (HHMMSS): 10:25:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.12	
Temp	20.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-GW

Sample Location: Braynard Woods

Date (YYMMDD): 05-11-08

Time (HHMMSS): 11:05:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.69	
Temp	21.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-HY

Sample Location: Hayes

Date (YYMMDD): 05-11-08

Time (HHMMSS): 11:35:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encolade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.46	
Temp	22.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s
Sample I.D.: N-2832 ACE-1108-DI	
Sample Location: Diamond	
Date (YYMMDD): 05-11-08	
Time (HHMMSS): 12:00:00	
Top Depth: NA	
Bottom Depth: NA	
Matrix:	Sed/Soil/Water
Sample Qualifier:	QA/QC/RB/CS
Sample Type:	GRAB/COMP./NA
Sampler: Wendell Thompson	
Witness: Richard Encalade	
Contractor:	MMG
Remarks:	
Weather: Rain Event YES/NO	
Prepared by: [illegible]	
Checked by:	

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.40	
Temp	21.0 °C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832 ACE - 1108-DIa

Sample Location: Diamond

Date (YYMMDD): 05-11-08

Time (HHMMSS): 12:10:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encolade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson Jr

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.46	
Temp	21.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1108-WPH

Sample Location: West Pointe a La Hache

Date (YYMMDD): 05-11-08

Time (HHMMSS): 12:25:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	9.43	
Temp	26.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08-05-PH

Sample Location: POINTE A LA HACHE

Date (YYMMDD): 11-08-05

Time (HHMMSS): 0840

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.74	
Temp	20.8	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08-05-BV

Sample Location: BELLEVUE

Date (YYMMDD): 11-08-05

Time (HHMMSS): 0900

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.51	
Temp	18.7	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08.05-Sc.

Sample Location: SCARSDALE

Date (YYMMDD): 11-08-05

Time (HHMMSS): 0945

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.74	
Temp	19.4	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08-05-BW

Sample Location: BRAITHWAITE

Date (YYMMDD): 11-08-05

Time (HHMMSS): 1020

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.41	
Temp	20.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-0805-BC1

Sample Location: BELLE CHASSE 1

Date (YYMMDD): 11-08-05

Time (HHMMSS): 1115

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.25	
Temp	19.6	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08-05-BC2

Sample Location: BELLE CHASSE 2

Date (YYMMDD): 11-08-05

Time (HHMMSS): 1140

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.77	
Temp	20.5	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08-05-011

Sample Location:	OLLIE 1
Date (YYMMDD):	11-08-05
Time (HHMMSS):	1215
Top Depth: NA	
Bottom Depth: NA	
Matrix:	Sed/Soil/Water
Sample Qualifier:	QA/QC/RB/CS
Sample Type:	GRAB/COMP./NA
Sampler:	GARY BROOKS
Witness:	RENE SILVA
Contractor:	MMG
Remarks:	
Weather: Rain Event	YES/NO
Prepared by:	
Checked by:	

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.76	
Temp	19.4	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08-05-OL2

Sample Location: OLLIE 2

Date (YYMMDD): 11-08-05

Time (HHMMSS): 1233

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.91	
Temp	19.7	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-08-05-013

Sample Location: OLLIE 3

Date (YYMMDD): 11-08-05

Time (HHMMSS): 1245

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.84	
Temp	20.1	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05-PH

Sample Location: POINTE A LA HACHE

Date (YYMMDD): 11-10-05

Time (HHMMSS): 0820

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.79	
Temp	20.1	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05-BV

Sample Location: BELLEVUE

Date (YYMMDD): 11-10-05

Time (HHMMSS): 0845

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.83	
Temp	18.4	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-11-10-05-SC

Sample Location: SCARESDALLE

Date (YYMMDD): 11-10-05

Time (HHMMSS): 0925

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	6.45	
Temp	18.4	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05-BW

Sample Location: BRAITHWAITE

Date (YYMMDD): 11-10-05

Time (HHMMSS): 1000

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.31	
Temp	19.7	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05-BC1

Sample Location: BELLE CHASSE 1

Date (YYMMDD): 11-10-05

Time (HHMMSS): 1105

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.75	
Temp	21.3	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05-BC2

Sample Location: BELLE CHASSE 2

Date (YYMMDD): 11-10-05

Time (HHMMSS): 1130

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.89	
Temp	20.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05-021

Sample Location: OLLIE 1

Date (YYMMDD): 11-10-05

Time (HHMMSS): 1205

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.34	
Temp	19.8	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05-OL2

Sample Location: OLLIE 2

Date (YYMMDD): 11-10-05

Time (HHMMSS): 1220

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.73	
Temp	19.1	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-10-05

Sample Location: OLLIE 3

Date (YYMMDD): 11-10-05

Time (HHMMSS): 1235

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RENE SILVA

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.79	
Temp	20.9	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1110-DU

Sample Location: Duvic

Date (YYMMDD): 05 - 11 - 10

Time (HHMMSS): 08:50:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/[Water]

Sample Qualifier: QA/QC/RB/CS

Sample Type: [GRAB]/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Escalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.64	
Temp	24.8°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1110-SR1

Sample Location: Sunrise #1

Date (YYMMDD): 05-11-10

Time (HHMMSS): 10:00:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/[Water]

Sample Qualifier: QA/QC/RB/CS

Sample Type: [GRAB]/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.47	
Temp	23.9°c	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832 ACE-1110-SR2

Sample Location: Sunrise #2

Date (YYMMDD): 05-11-10

Time (HHMMSS): 10:10:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encelade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.48	
Temp	23.4	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1110-TR

Sample Location: Triumph

Date (YYMMDD): 05-11-10

Time (HHMMSS): 09:15:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.40	
Temp	24.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832 ACE-1110-GL

Sample Location: Grand Liard

Date (YYMMDD): 05-11-10

Time (HHMMSS): 09:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.56	
Temp	23.9°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1110-Hy

Sample Location: Hayes

Date (YYMMDD): 05-11-10

Time (HHMMSS): 11:20:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.96	
Temp	25.1°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1110-WPH

Sample Location: West Pointe a La Hache

Date (YYMMDD): 05-11-10

Time (HHMMSS): 12:15:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.32	
Temp	25.6 °C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1110-DI

Sample Location: Diamond Ave.

Date (YYMMDD): 05-11-10

Time (HHMMSS): 11:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.41	
Temp	25.0°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1110-DIa

Sample Location: Diamond

Date (YYMMDD): 05-11-10

Time (HHMMSS): 11:55:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.35	
Temp	24.8°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-BV

Sample Location: BELLEVUE

Date (YYMMDD): 11-15-05

Time (HHMMSS): 0915

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENCALADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.83	
Temp	20.8	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832 ACE-1110-GW

Sample Location: Grained Woods

Date (YYMMDD): 05-10-11

Time (HHMMSS): 10:55:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.14	
Temp	24.9°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-PH

Sample Location: POINTE A LA HACHE

Date (YYMMDD): 11-15-05

Time (HHMMSS): 0850

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENCALADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.94	
Temp	19.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-SC

Sample Location: SCARSDALE

Date (YYMMDD): 11-15-05

Time (HHMMSS): 0950

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP /NA

Sampler: GARY BROOKS

Witness: RICHARD ENCALADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	6.94	
Temp	18.4	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-BW

Sample Location: BRAITHWAITE

Date (YYMMDD): 11-15-05

Time (HHMMSS): 1025

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENCALADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.56	
Temp	17.7	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-BC1

Sample Location: BELLE CHASSE 1

Date (YYMMDD): 11-15-05

Time (HHMMSS): 1125

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENCALADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.36	
Temp	19.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-BC2

Sample Location: BELLE CHASSE 2

Date (YYMMDD): 11-15-05

Time (HHMMSS): 1150

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENCALADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.77	
Temp	21.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-OL1

Sample Location: OLLIE1

Date (YYMMDD): 11-15-05

Time (HHMMSS): 1220

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENGALADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.44	
Temp	19.9	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-OL2

Sample Location: OLLIE 2

Date (YYMMDD): 11-15-05

Time (HHMMSS): 1230

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENCLADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.52	
Temp	20.8	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-11-15-05-OL3

Sample Location: OLLIE 3

Date (YYMMDD): 11-15-05

Time (HHMMSS): 1245

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: GARY BROOKS

Witness: RICHARD ENGLADE

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.77	
Temp	20.4	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: N-2832ACE-1118-DV

Sample Location: DUVEC

Date (YYMMDD): 05-11-15

Time (HHMMSS): 09:15:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.05	
Temp	24.9°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1118-TR

Sample Location: Trimuph

Date (YYMMDD): 05-11-15

Time (HHMMSS): 10:00:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.94	
Temp	25.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1118-GL

Sample Location: Grand Liard

Date (YYMMDD): 05-11-15

Time (HHMMSS): 10:30:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.14	
Temp	25.1°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W- 2832ACE- 1118- SR1

Sample Location: Sunrise 1

Date (YYMMDD): 05 - 11 - 15

Time (HHMMSS): 11:05:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.64	
Temp	25.0°c	

SAMPLE COLLECTION LOG

Delivery Order No:	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1118-SR2

Sample Location: Sunrise 2

Date (YYMMDD): 05-11-18

Time (HHMMSS): 11:25:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.65	
Temp	25.0°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1118-GW

Sample Location: Gainard Woods

Date (YYMMDD): 05-11-18

Time (HHMMSS): 12:00:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.46	
Temp	24.2°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1118-H4

Sample Location: Hayes

Date (YYMMDD): 05-11-15

Time (HHMMSS): 12:40:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request.

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.47	
Temp	25.5	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1118-DI

Sample Location: Diamond

Date (YYMMDD): 05-11-15

Time (HHMMSS): 13:10:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.92	
Temp	26.7°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-1118-DIa

Sample Location: Diamond

Date (YYMMDD): 05-11-18

Time (HHMMSS): 13:25:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Paul Lo

Witness: Wendell Thompson

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.84	
Temp	25.6°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s
Sample I.D.: W-2832ACE-1118-WPH	
Sample Location: West Pointe a la Hache	
Date (YYMMDD): 05-11-15	
Time (HHMMSS): 13:45:00	
Top Depth: NA	
Bottom Depth: NA	
Matrix:	Sed/Soil/Water
Sample Qualifier:	QA/QC/RB/CS
Sample Type:	GRAB/COMP./NA
Sampler: Paul Lo	
Witness: Wendell Thompson	
Contractor:	MMG
Remarks:	
Weather: Rain Event YES/NO	
Prepared by: Wendell Thompson	
Checked by:	

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	9.25	
Temp	27.9°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-GL

Sample Location: Grand Liard

Date (YYMMDD): 05-11-22

Time (HHMMSS): 09:30

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.96	
Temp	15.1°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-DV

Sample Location: Duvic

Date (YYMMDD): 05-11-22

Time (HHMMSS): 08:50

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	~~7.64~~	7.96
Temp	14.6°C	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-TR

Sample Location: Triumph

Date (YYMMDD): 05-11-22

Time (HHMMSS): 09:20

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.94	
Temp	14.6 °c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-SR1

Sample Location: Sunrise #1

Date (YYMMDD): 05-11-22

Time (HHMMSS): 10:15

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.71	
Temp	17.5°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-SR2

Sample Location: Sunrise #2

Date (YYMMDD): 05-11-22

Time (HHMMSS): 10:30

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.92	
Temp	17.9°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-GW

Sample Location: Gainard Woods

Date (YYMMDD): 05-11-22

Time (HHMMSS): 11:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.18	
Temp	15.0°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-HY

Sample Location: Hayes

Date (YYMMDD): 05-11-22

Time (HHMMSS): 11:30

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.05	
Temp	15.2°C	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-DIa

Sample Location: Diamond

Date (YYMMDD): 05-11-22

Time (HHMMSS): 12:00

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Will [illegible]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.59	
Temp	15.4°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-DI

Sample Location: Diamond

Date (YYMMDD): 05-11-22

Time (HHMMSS): 11:50

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by: Wendell Thompson

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	~~15.6~~ 10.5	7.60
Temp	15.6°c	

MMG

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832ACE-112205-WPH

Sample Location: West Pointe A La Hache

Date (YYMMDD): ~~05-11-22~~ 05-11-22

Time (HHMMSS): 10:15

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/[Water]

Sample Qualifier: QA/QC/RB/CS

Sample Type: [GRAB]/COMP./NA

Sampler: Wendell Thompson

Witness: Richard Encalade

Contractor: MMG

Remarks:

Weather: Rain Event YES/[NO]

Prepared by: [signature]

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicides	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.81	
Temp	15.7°c	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE 112205- PH

Sample Location: POINTE A'LA HACHE

Date (YYMMDD): 11-22-05

Time (HHMMSS): 0840

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL O

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.14	
Temp	14.3	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-BV

Sample Location: BELLEVUE

Date (YYMMDD): 11-22-05

Time (HHMMSS): 0905

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.05	
Temp	13.9	

SAMPLE COLLECTION LOG

Delivery Order No	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-SC

Sample Location: SCARSEDALE

Date (YYMMDD): 11-22-05

Time (HHMMSS): 0945

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.73	
Temp	14.3	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-BW

Sample Location: BRAITWAITE

Date (YYMMDD): 11-22-05

Time (HHMMSS): 1020

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	8.57	
Temp	13.9	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-BC1

Sample Location: BELLE CHASSE 1

Date (YYMMDD): 11-22-05

Time (HHMMSS): 1130

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.77	
Temp	16.1	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-BC2

Sample Location: BELLE CHASSE 2

Date (YYMMDD): 11-22-05

Time (HHMMSS): 1155

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.42	
Temp	16.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-OL1

Sample Location: OLLIE 1

Date (YYMMDD): 11-22-05

Time (HHMMSS): 1250

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.52	
Temp	15.8	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-OL2

Sample Location: OLLIE 2

Date (YYMMDD): 11-22-05

Time (HHMMSS): 1310

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.85	
Temp	16.2	

SAMPLE COLLECTION LOG

Delivery Order No _____	Project: 2832-ACE Site: Plaquemines Parish Pump Station Water Sampling – Task 2s

Sample I.D.: W-2832-ACE-112205-OL3

Sample Location: OLLIE 3

Date (YYMMDD): 11-22-05

Time (HHMMSS): 1330

Top Depth: NA

Bottom Depth: NA

Matrix: Sed/Soil/Water

Sample Qualifier: QA/QC/RB/CS

Sample Type: GRAB/COMP./NA

Sampler: PAUL LO

Witness: GARY BROOKS

Contractor: MMG

Remarks:

Weather: Rain Event YES/NO

Prepared by:

Checked by:

Analytical Request

Container Type	Sample Volume/Preservative	Parameter	No. of Cont.
3*40mL VOAs	3*40mL/HCl	VOCs	
2*1L Amber	2*1 liter	SVOCs	
2*1L Amber	2*1 liter	Pesticides	
2*1L Amber	2*1 liter	PCBs	
2*1L Amber	2*1 liter	Herbicide ds	
2*1L Amber	2*1 liter	TPH-D, -O	
2*40ml VOA	2*40 mL/HCl	TPH-G	
500mL Plastic	500mL/HNO3	TAL Metals	
500mL Plastic	500mL/NaOH	Cyanide	
250mL Plastic	250mL/H2SO4	Ammonia	
40mL Amber VOA	40mL/H2SO4	TOC	
125mL Plastic	125mL/H2SO4	COD	
1L Plastic	1L	BOD	
1L Plastic	1L/HCl	Oil & Grease	
250mL Plastic	250 mL	TSS	

Field Screening Results

pH	7.97	
Temp	17.2	

A-E DAILY QUALITY CONTROL REPORT

DATE 10-25-2005

DAY	S	M	T	W	TH	F	S

WEATHER					
	Bright Sun	Clear	Overcast	Rain	Snow
Temp	To 32	32-35	50-70	70-85	85 up
	Still	Moder	High	Report No.	
	Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE ~~MMG~~ None

EQUIPMENT ON SITE Ford 4x4
PH METER

WORK PERFORMED (INCLUDING SAMPLING):

SHEET 1 OF 2

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE _____

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

HEALTH AND SAFETY LEVELS AND ACTIVITIES

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET 2 OF 2

BY W. Thompson TITLE Geologist

A-E DAILY QUALITY CONTROL REPORT

DATE 11-1-05

DAY

S	M	T	W	TH	F	S

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
Temp	To 32	32-35	50-70	70-85	85 up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry

PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE

CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE

PH METER TRUCK

WORK PERFORMED (INCLUDING SAMPLING):

SHEET ____ OF ____

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE _____

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

HEALTH AND SAFETY LEVELS AND ACTIVITIES

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET ____ OF ____

BY _____ TITLE _____

A-E DAILY QUALITY CONTROL REPORT

DATE 11/1/05

DAY	S	M	T	W	TH	F	S

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
To 32	32-35	50-70	70-85	85 up
Chill	Moder	High	Report No.	
Dry	Moder	Humid		

Temp

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

None

EQUIPMENT ON SITE PH meter, truck,

WORK PERFORMED (INCLUDING SAMPLING):

Water samples @ Westbank pumping stations

SHEET 1 OF 2

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO.

JOB NO 2832-ACE DATE 11/1/05

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

Calibrate PH Meter

HEALTH AND SAFETY LEVELS AND ACTIVITIES

Meeting Conducted by Paul Lo

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET 2 OF 2

BY W. Thompson TITLE Geologist

A-E DAILY QUALITY CONTROL REPORT

DATE 11-3-05

DAY	S	M	T	W	TH	F	S

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
Temp To 32	32-35	50-70	70-85	85 up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

None

EQUIPMENT ON SITE

Toyota, PH Meter

WORK PERFORMED (INCLUDING SAMPLING):

Sampled Westbank Pumping Stations

SHEET 1 OF 2

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE 11-3-05

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

Calibrate PH meter

HEALTH AND SAFETY LEVELS AND ACTIVITIES

Level D PPE

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET 2 OF 2

BY Wendell Thompson TITLE Geologist

A-E DAILY QUALITY CONTROL REPORT

DATE 11-8-05

DAY	S	M	T	W	TH	F	S
			(T)				

WEATHER

Bright Sun	Clear	Overcast	(Rain)	Snow
To 32	32-35	50-70	70-85	85 up
(Still)	Moder	High	Report No.	
Dry	Moder	(Humid)		

Temp

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

None

EQUIPMENT ON SITE

Trucks, Sampling Jars

WORK PERFORMED (INCLUDING SAMPLING):

Sampled nine pump stations on westbank of Plaquemines Parish.

SHEET 1 OF 2

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE 11-8-05

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

Calibrate PH meter

HEALTH AND SAFETY LEVELS AND ACTIVITIES

PPE Level D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET 2 OF 2

BY Wendell Thompson TITLE Geologist

A-E DAILY QUALITY CONTROL REPORT

DATE 11-08-05

DAY	S	M	T	W	TH	F	S

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
Temp To 32	32-35	50-70	70-85	85 up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE

TRUCK + PH METER

WORK PERFORMED (INCLUDING SAMPLING):

SHEET ____ OF ____

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE _____

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

HEALTH AND SAFETY LEVELS AND ACTIVITIES

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET ____ OF ____

BY _____ TITLE _____

A-E DAILY QUALITY CONTROL REPORT

DATE 11-10-05

DAY	S	M	T	W	TH	F	S

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
Temp To 32	32-35	50-70	70-85	85 up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE TRUCK & PH METER

WORK PERFORMED (INCLUDING SAMPLING):

SHEET ____ OF ____

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE _____

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

HEALTH AND SAFETY LEVELS AND ACTIVITIES

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET ____ OF ____

BY _____ TITLE _____

A-E DAILY QUALITY CONTROL REPORT

DATE 11/10/05

DAY	S	M	T	W	TH	F	S

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
Temp: To 32	32-35	50-70	70-85	85 up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE

Truck & PH meter

WORK PERFORMED (INCLUDING SAMPLING):

Sampled Westbank Plaquemines Parish Pumping Stations

SHEET 1 OF 2

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE 11/10/05

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

PH Meter Calibrated

HEALTH AND SAFETY LEVELS AND ACTIVITIES

Level D PPE

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET 2 OF 2

BY W. Thompson TITLE Geologist

A-E DAILY QUALITY CONTROL REPORT

DATE 11-15-05

DAY	S	M	T	W	TH	F	S
			(T)				

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
To 32	32-35	50-70	70-85	85 up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

Temp

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE Truck & Sample Jars

WORK PERFORMED (INCLUDING SAMPLING):

Sampled 9 Westbank Pumping Stations

SHEET 1 OF 2

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO.

JOB NO 2832-ACE DATE 11-15-05

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

PH Meter Calibrations
Duplicate Samples at Diamond

HEALTH AND SAFETY LEVELS AND ACTIVITIES

Level D PPE

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET 2 OF 2

BY Wendell Thompson TITLE Geologist

A-E DAILY QUALITY CONTROL REPORT

DATE 11-15-05

DAY	S	M	T	W	TH	F	S

WEATHER

	Bright Sun	Clear	Overcast	Rain	Snow
Temp	To 32	32-35	50-70	70-85	85 up
	Still	Moder	High	Report No.	
	Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE TRUCK PH METER

WORK PERFORMED (INCLUDING SAMPLING):

SHEET ____ OF ____

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE _____

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)
HEALTH AND SAFETY LEVELS AND ACTIVITIES
PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:
SPECIAL NOTES
TOMORROW'S EXPECTATIONS:

SHEET ____ OF ____

BY _____ TITLE _____

A-E DAILY QUALITY CONTROL REPORT

DATE 11-22-05

DAY	S	M	T	W	TH	F	S

WEATHER	Bright Sun	Clear	Overcast	Rain	Snow
Temp	To 32	32-35	50-70	70-85	85 up
	Still	Moder	High	Report No.	
	Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE

4x4 Truck
PH Meter

WORK PERFORMED (INCLUDING SAMPLING):

Water Sampling the Plaquemines Parish Pumping Stations (westbank)

SHEET 1 OF 2

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE 11-22-05

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

PH Meter Calibration

HEALTH AND SAFETY LEVELS AND ACTIVITIES

Level D PPE

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET 2 OF 2

BY Wendell Thompson TITLE Geologist

A-E DAILY QUALITY CONTROL REPORT

DATE 11-22-05

DAY	S	M	T	W	TH	F	S

WEATHER

Bright Sun	Clear	Overcast	Rain	Snow
Temp To 32	32-35	50-70	70-85	85 up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

COE PROJECT MANAGER Reuben Mabry
PROJECT Plaquemines Parish Pump Station Water Sampling – Task 2

JOB NO. 2832-ACE
CONTRACT NO DACW29-03-D-0014, T.O. #14

SUB-CONTRACTOR ON SITE

EQUIPMENT ON SITE TRUCK + PH METER

WORK PERFORMED (INCLUDING SAMPLING):

SHEET ____ OF ____

(Continuation Sheet)

PROJECT: Plaquemines Parish Pump Station Water Sampling – Task 2 REPORT NO. _____

JOB NO 2832-ACE DATE _____

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS)

HEALTH AND SAFETY LEVELS AND ACTIVITIES

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES

TOMORROW'S EXPECTATIONS:

SHEET ____ OF ____

BY _____ TITLE _____

Page ____ of

PH CALIBRATION LOG

Client: _____ File Number: 2832 ACE
Project Name: _____ Date: 10/25/05
Location: _____
Analyst: _____ Title: Pal Co
PH Meter ID: 1 _____ Electrode ID: Cole Parmer
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0		1501-32	0910	4.01	
7.0		1551-32	0907	6.99.	
10.0					

Page ____ of

PH CALIBRATION LOG

Client: _____ File Number: _____
Project Name: _____ Date: _____
Location: _____
Analyst: _____ Title: _____
PH Meter ID: _____ Electrode ID: _____
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			0831	3.89	
7.0			0833	6.77	
10.0			0835	10.11	

Page 1 of 1

PH CALIBRATION LOG

Client: ACE File Number:
Project Name: 2832 ACE Date: 10-27-05
Location: MMG ENC. Office
Analyst: Wendell Thompson Title: Geologist
PH Meter ID: Electrode ID:
Comments:

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0					
7.0			06:30	7.01	
10.0			06:30	10.06	

Page 1 of 1

PH CALIBRATION LOG

Client: ACE File Number:
Project Name: 2832 ACE Date: 11/1/2005
Location: MMG Inc Office
Analyst: W. Thompson Title: Geologist
PH Meter ID: Electrode ID:
Comments:

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			06:30	4.02	
7.0			06:30	7.03	
10.0					

Page ____ of

PH CALIBRATION LOG

Client: _____ File Number: _____
Project Name: _____ Date: _____
Location: _____
Analyst: _____ Title: _____
PH Meter ID: _____ Electrode ID: _____
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			0819	3.89	
7.0			0821	6.91	
10.0			0823	10.09	

Page 1 of 1

PH CALIBRATION LOG

Client: ACE File Number:
Project Name: 2832 ACE Date: 11-3-05
Location: MME inc. Offices
Analyst: Wendell Thompson Title: Geologist
PH Meter ID: Electrode ID:
Comments:

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			07:05	4.08	
7.0			07:05	7.07	
10.0					

Page ____ of

PH CALIBRATION LOG

Client: _____ File Number: _____
Project Name: _____ Date: _____
Location: _____
Analyst: _____ Title: _____
PH Meter ID: _____ Electrode ID: _____
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0				4.23	
7.0				6.69	
10.0				10.39	

Page ____ of

PH CALIBRATION LOG

Client: _____ File Number: _____
Project Name: _____ Date: _____
Location: _____
Analyst: _____ Title: _____
PH Meter ID: _____ Electrode ID: _____
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			0831	4.04	
7.0				6.79	
10.0				10.44	

PH CALIBRATION LOG

Client: ACE File Number: 2832 ACE
Project Name: 2832 ACE Date: 11-8-05
Location: Plaquemines Parish
Analyst: Wendell Thompson Title: Geologist
PH Meter ID: Electrode ID:
Comments:

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0				4.12	
7.0				7.57	
10.0					

PH CALIBRATION LOG

Client: ACE File Number: 2832 ACE
Project Name: Date: 11/10/05
Location: MMG Office
Analyst: Wendell Thompson Jr. Title: Geologist
PH Meter ID: Electrode ID:
Comments:

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			4.10		
7.0			7.01		
10.0					

Page ____ of

PH CALIBRATION LOG

Client: _____ File Number: _____
Project Name: _____ Date: _____
Location: _____
Analyst: _____ Title: _____
PH Meter ID: _____ Electrode ID: _____
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0					
7.0				6.97	
10.0					

Page ____ of

PH CALIBRATION LOG

Client: USACE File Number: 2832ACE
Project Name: 2832ACE Date: 11/15/05
Location: Plaquemines
Analyst: Wendell Thompson Title: Geologist
PH Meter ID: _____ Electrode ID: _____
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			06:00	4.05	
7.0			06:05	7.00	
10.0					

PH CALIBRATION LOG

Client: ACE File Number:
Project Name: 2832 ACE Date: ~~[illegible]~~ 11-15-05
Location: MMG Office
Analyst: Wendell Thompson Title: Geologist
PH Meter ID: Electrode ID:
Comments:

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0			06:00	4.11	
7.0			06:05	~~7.4~~ 7.01	
10.0					

Page 1 of 1

PH CALIBRATION LOG

Client: USACE File Number: 2832ACE
Project Name: Water Sampling (Plaquemines) Date: 11-22-05
Location: Plaquemines Parish Pumping Stations
Analyst: Wendell Thompson Title: Geologist
PH Meter ID: Electrode ID:
Comments: Borrowed From Pace Labs

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0					
7.0			06:05	6.82	
10.0			06:10	10.01	

Page ____ of

PH CALIBRATION LOG

Client: _____ File Number: _____
Project Name: _____ Date: _____
Location: _____
Analyst: _____ Title: _____
PH Meter ID: _____ Electrode ID: _____
Comments: _____

Buffer pH	Expiry	Manufacturer/ ID #	Calibrating Time	pH Pre-Calibrate	Comments
4.0					
7.0			0835	6.97	
10.0					

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions:
Equipment Used:
- ___ Bailers
- ___ Interface Probe(s)
- ___ Level D PPE
- ___ Pump
- ___ Pump Controller
- ___ Small Tools
- ___ Truck(s)
- ___ Trailer(s)
- ___ Other:

DATE	TIME	DESCRIPTION OF ACTIVITIES
10-25-05	06:30	W. Thompson Meet P. Lo at MMG Office
	06:50	G. Brooks Arrives
	07:15	R. Enclade arrives
	07:30	R. Enclade & P. Lo depart for East Bank
	07:30	W. Thompson & G. Brooks depart for West Bank
	08:50	Arrives @ Pointe A La Hache & Began Sampling West Bank
	09:40	Arrive @ Belleyne
	10:30	Arrive @ Scarsdale
	11:10	Arrive @ Braithwaite
	11:50	Belle Chasse Ferry to West Bank
	12:50	Arrive @ Belle Chasse #1
	13:30	Arrive @ Belle Chasse #2 @ E.J. Antoine
	14:15	Arrive @ Ollie 1, 2, 3

WORK PERFORMED:

TIME: Arrival: 06:30 Departure: 07:30 Mileage:
HOURS: On-Site: Travel: Total Hours:

Technician: Gary Brooks Supervisor: Wendell Thompson

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE
Page ____ of ____

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions:
Equipment Used:
- ___ Bailers
- ✓ Truck(s)
- ___ Interface Probe(s)
- ___ Trailer(s)
- ✓ Level D PPE
- ___ Other:
- ___ Pump
- ___ Pump Controller
- ___ Small Tools

DATE	TIME	DESCRIPTION OF ACTIVITIES
10/25	7:30	Depart office
	8:55	Arrive Davis. 9:10 collected Sample
	9:00	arrive Grand Liard.
	9:44	Collect sample
	10:00	Move to Triump
	10:10	collect Sample.
	10:45	Arrived at Sunrise
	11:05	Collect SunRise #1
	11:20	collect Sunrise #2.
	12:00	Arrive Reinard Wood
	12:05	collect Sample
	12:35	Arrive Hayes
	12:40	collect sample
	13:05	Arrived Diamond
	13:10	Collect Sample
	13:50	Arrive West Pointe a Hache
	13:55	Collect Sample
	14:20	Back to office
	15:00	Arrived at office

WORK PERFORMED:

TIME: Arrival:_____ Departure:_____ Mileage:_____
HOURS: On-Site:_____ Travel:_____ Total Hours:_____

Technician: _____ Supervisor: _____

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE
Page ____ of ____

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location: ____
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions: CLEAR
Equipment Used: ____ Bailers ____ Truck(s) ____
____ Interface Probe(s) ____ Trailer(s) ____
____ Level D PPE ____ Other: ____
____ Pump ____
____ Pump Controller ____
____ Small Tools ____

DATE	TIME	DESCRIPTION OF ACTIVITIES
10-27	0700	WE LOAD UP THE TRUCK W/ COOLERS
	0730	WE LEAVE THE OFFICE
	0830	WE ARRIVE @ POINTE ALA HACHE PUMPS
	0840	WE SAMPLE PH@ 7.32 PH
	0910	WE SAMPLE BELLVUE PH@ 7.78
		THE PH METER IS NOT WORKING
	1000	WE SAMPLE SCARSDALE PH@ 7.97
	1030	WE SAMPLE BRAITHWAITE PH@ 9.03
	1140	WE SAMPLE BELLE CHASSE #1 PH@ 8.51
	1215	WE SAMPLE BELLE CHASSE #2 PH@8.19
	1240	WE SAMPLE OLLIE #1 LOWER PH@8.69
	1300	WE SAMPLE OLLIE #2 MIDDLE PH@8.63
	1315	WE SAMPLE OLLIE #3 UPPER PH@ 8.77
	1330	WE DECON ALL EQUIPMENT + LEAVE
		THE JOB SITE TO DROP OFF SAMPLES

WORK PERFORMED:
TIME: Arrival:____ Departure:____ Mileage:____
HOURS: On-Site:____ Travel:____ Total Hours:____

echnician: ____ Supervisor: ____

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Page 1 of 1

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry Phone: (504) 862-2707
Contractor Contact: Paul Lo Phone: (504) 368-0568
Weather Conditions: Clear
Equipment Used:
___Bailers ___Truck(s)
___Interface Probe(s) ___Trailer(s)
___Level D PPE ___Other:
___Pump
___Pump Controller
___Small Tools

DATE	TIME	DESCRIPTION OF ACTIVITIES
10-27-05	06:00	Paul Lo, Rene, Wendell, & Richard Arrive
10-27-05	07:00	Gary Brooks Arrives
10-27-05	07:30	Depart from MMG Inc. Office
10-27-05	09:00	Arrive @ Duvic begin sampling
10-27-05	09:45	Arrive @ Grand Liard
10-27-05	10:20	Arrive @ Sunrise #1 & #2
10-27-05	11:40	Arrive @ Grainord Woods
10-27-05	12:10	Arrive @ Hayes
10-27-05	13:40	Arrive @ Triumph
10-27-05	14:30	Arrive @ Diamond
10-27-05	15:10	Arrive @ West Pointe a La Hache sampling complete

WORK PERFORMED:

TIME: Arrival: 06:00 Departure: 07:30 Mileage:
HOURS: On-Site: Travel: Total Hours:

Technician: Richard Encalade Supervisor: Wendell Thompson

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions: Overcast / Rainy / 65°F
Equipment Used:
- ___ Bailers
- ___ Interface Probe(s)
- ___ Level D PPE
- ___ Pump
- ___ Pump Controller
- ___ Small Tools
- ___ Truck(s)
- ___ Trailer(s)
- ___ Other:

DATE	TIME	DESCRIPTION OF ACTIVITIES
11/1/05	06:45	Paul, Gary, Richard, René, & Wendell Tailgate Safety
11/1/05	07:00	Richard & Wendell depart for Westbank Pumping Stations
11/1/05	08:50	Arrive at Davis, sampling begins
11/1/05	09:30	Arrive at Triumph / Grand Liard
11/1/05	10:15	Arrive at Sunrise 1 / Sunrise 2
11/1/05	11:15	Arrive at Gainard Woods
11/1/05	11:45	Arrive at Hayes
11/1/05	12:10	Arrive at Diamond
11/1/05	12:50	Arrive at West Pointe La Hache
11/1/05	13:10	Sampling Complete

WORK PERFORMED:

TIME: Arrival: 06:00 Departure: 07:00 Mileage:
HOURS: On-Site: Travel: Total Hours:

Technician: Richard Encalade Supervisor: Wendell Thompson

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE
Page ____ of ____

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location: ____
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions: RAIN / CLOUDY
Equipment Used:
- ____ Bailers
- ____ Interface Probe(s)
- ____ Level D PPE
- ____ Pump
- ____ Pump Controller
- ____ Small Tools
- 1 Truck(s)
- ____ Trailer(s)
- ____ Other: PH METER

DATE	TIME	DESCRIPTION OF ACTIVITIES
11-1	0815	WE ARRIVE @ POINTE ALA HACHE. I START
		TO CALIBRATE THE PH METER.
	0825	WE SAMPLE POINTE ALAHACHE PH @ 8.03
		TEMP @ 18.6
	0850	WE SAMPLE BEELEVUE PH@ 7.75 TEMP@ 17.1
	0940	WE SAMPLE SCARSDALE PH@ 7.08 TEMP@ 18.3
	1025	WE SAMPLE BRAITHWAITE PH @ 8.21 TEMP@ 18.4
	1125	WE SAMPLE BELLECHASSE 1 PH@ 7.90 TEMP@ 18.2
	1200	WE SAMPLE BELLE CHASSE 2 PH@ 7.44 TEMP@ 18.5
	1235	WE SAMPLE OLLIE 1 PH@ 7.51 TEMP@ 17.2
	1255	WE SAMPLE OLLIE 2 PH@ 7.48 TEMP@ 17.3
	1315	WE SAMPLE OLLIE 3 PH@ 7.41 TEMP@ 17.2

WORK PERFORMED:

TIME: Arrival:____ Departure:____ Mileage:____
HOURS: On-Site:____ Travel:____ Total Hours:____

echnician: ____ Supervisor: ____

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions: Clear & Cool
Equipment Used:
- Bailers
- Interface Probe(s)
- ✓ Level D PPE
- Pump
- Pump Controller
- Small Tools
- ✓ Truck(s) Toyota
- Trailer(s)
- ✓ Other: Buckets

DATE	TIME	DESCRIPTION OF ACTIVITIES
11/3/05	06:30	Gary, Richard, Paul, & Wendell meet at MMG office
11/3/05	07:00	Paul Conducts Tailgate Meeting
11/3/05	07:10	Richard & Wendell depart for Westbank Pump Stations
11/3/05	08:50	Arrive at Davis sampling begins
11/3/05	09:25	Arrive at Grand Liard & Triumph
WT.	~~11/3/05~~	~~09:40 Arrive at~~
11/3/05	10:30	Arrive at Sunrise 1 & Sunrise 2
11/3/05	11:25	Arrive at Gaineard Woods
11/3/05	11:55	Arrive at Hayes
11/3/05	12:15	Arrive at Diamond
11/3/05	12:55	Arrive at West ~~Point~~ Pointe a La Hache

WORK PERFORMED:

TIME: Arrival: 06:00 Departure: 07:10 Mileage:
HOURS: On-Site: Travel: Total Hours:

Technician: ~~Wendell~~ Richard Escalade WT. Supervisor: Wendell Thompson

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE
Page_____of_____

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions:
Equipment Used:
- ____Bailers
- ____Interface Probe(s)
- ____Level D PPE
- ____Pump
- ____Pump Controller
- ____Small Tools
- ____Truck(s)
- ____Trailer(s)
- ____Other:

DATE	TIME	DESCRIPTION OF ACTIVITIES
11-3	0815	WE ARRIVE @ POINTE A LA HACHE & I START
		TO CALIBRATE THE PH METER,
	0830	WE SAMPLE POINTE ALA HACHE PH @ 8.89 TEMP 17.0
	0910	WE SAMPLE BELLEVUE PH @ 8.35 TEMP @ 16.4
	1015	WE SAMPLE SCARSDALE PH @ 7.54 TEMP @ 18.3
	1105	WE SAMPLE BRAITHWAITE PH @ 8.72 TEMP @ 18.4
	1240	WE SAMPLE BELLE CHASSE 1 PH @ 8.48 TEMP @ 18.9
	1300	WE SAMPLE BELLE CHASSE 2 PH @ 7.85 TEMP @ 20.2
	1310	WE SAMPLE OLLIE 1 PH @ 7.91 TEMP @ 17.2
	1355	WE SAMPLE OLLIE 2 PH @ 8.06 TEMP @ 19.3
	1410	WE SAMPLE OLLIE 3 PH @ 8.38 TEMP @ 21.9

WORK PERFORMED:

TIME: Arrival:_____ Departure:_____ Mileage:_____
HOURS: On-Site:_____ Travel:_____ Total Hours:_____

echnician: _____ Supervisor: _____

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Page____ of____

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions:
Equipment Used:
- ____ Bailers
- ____ Interface Probe(s)
- ____ Level D PPE
- ____ Pump
- ____ Pump Controller
- ____ Small Tools
- ____ Truck(s)
- ____ Trailer(s)
- ____ Other:

DATE	TIME	DESCRIPTION OF ACTIVITIES
11-8	0830	WE ARRIVE @ THE FIRST PUMPING STATION
		I CALIBRATE THE PH METER.
	0840	I SAMPLE POINTE ALA HACHE PH@8.74 TEMP@20.8
	0900	I SAMPLE BELLEVUE PH@ 8.51 TEMP@ 18.7
	0945	I SAMPLE SCARSDALE PH@ 8.74 TEMP@ 19.4
	1020	I SAMPLE BRAITHWAITE PH@ 8.41 TEMP@ 20.2
	1115	I SAMPLE BELLE CHASSE 1 PH@ 8.25 TEMP@ 19.6
	1140	I SAMPLE BELLE CHASSE 2 PH@ 8.77 TEMP@ 20.5
	1215	I SAMPLE OLLIE 1 PH@ 8.76 TEMP@ 19.4
	1233	I SAMPLE OLLIE 2 PH@ 8.91 TEMP@ 19.7
	1245	I SAMPLE OLLIE 3 PH@ 8.84 TEMP@ 20.1
	1300	WE DECON EQUIPMENT & LEAVE THE SITE.
		: PH METER NEED WORK READINGS
		MAY BE OFF

WORK PERFORMED:

TIME: Arrival:____ Departure:____ Mileage:____
HOURS: On-Site:____ Travel:____ Total Hours:____

echnician: ____ Supervisor: ____

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location: Plaquemines Parish
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions: Foggy, Humid
Equipment Used:
- ___ Bailers
- ___ Interface Probe(s)
- ___ Level D PPE
- ___ Pump
- ___ Pump Controller
- ___ Small Tools
- / Truck(s)
- ___ Trailer(s)
- / Other: Buckets

DATE	TIME	DESCRIPTION OF ACTIVITIES
11/8/05	06:00	Arrive at MMG office / Rene, Paul, Richard, Gary, Wendell.
11/8/05	06:30	MOB for sampling
11/8/05	06:45	Tailgate meeting
11/8/05	07:05	Depart MMG office. ~~from~~ MT. for Westbank / Richard & Wendell
11/8/05	08:50	Arrive at Duvic / sampling begins
11/8/05	09:20	Arrive at Grand Liard and Triumph
11/8/05	10:10	Arrive at Sunrise #1 and Sunrise #2
11/8/05	11:05	Arrive at Gainard Woods
11/8/05	11:35	Arrive at Hayes
11/8/05	12:00	Arrive at Diamond
11/8/05	12:25	Arrive at West Pointe a La Hache / sampling ends

WORK PERFORMED:

TIME: Arrival: 06:00 Departure: 07:05 Mileage: ___
HOURS: On-Site: ___ Travel: ___ Total Hours: ___

Technician: Richard Encalade Supervisor: Wendell Thompson

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions:
Equipment Used:
- ✓ Bailers
- Interface Probe(s)
- Level D PPE
- Pump
- Pump Controller
- Small Tools
- ✓ Truck(s)
- Trailer(s)
- Other:

DATE	TIME	DESCRIPTION OF ACTIVITIES
11/10/05	06:00	Arrive at MMG / Gary, Richard, Rene, Wendell –
11/10/05	06:30	MOB for departure
11/10/05	07:00	Tailgate Safety Meeting
11/10/05	07:10	Depart for Westbank Pumping Stations
~~11/10/05~~		~~Depart for~~
11/10/05	08:50	Richard & Wendell Arrive at Duvic / sampling begins
11/10/05	09:15	Arrive at Triumph & Grand Liard
11/10/05	10:00	Arrive at Sunrise #1 & Sunrise #2
11/10/05	10:55	Arrive at Gainard Woods
11/10/05	11:20	Arrive at Hayes
11/10/05	11:40	Arrive at Diamond
11/10/05	12:15	Arrive at West Pointe a La Hache / sampling ends

WORK PERFORMED:

TIME: Arrival: 06:00 Departure: Mileage:
HOURS: On-Site: Travel: Total Hours:

Technician: Richard Escalade Supervisor: Wendell Thompson

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE
Page_____of_____

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location: _____
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry Phone: (504) 862-2707
Contractor Contact: Paul Lo Phone: (504) 368-0568
Weather Conditions: _____
Equipment Used:
- ____ Bailers
- ____ Interface Probe(s)
- ____ Level D PPE
- ____ Pump
- ____ Pump Controller
- ____ Small Tools
- ____ Truck(s)
- ____ Trailer(s)
- ____ Other:

DATE	TIME	DESCRIPTION OF ACTIVITIES
11-10	0815	WE ARRIVE AT THE FIRST SITE. I START
		TO CALIBRATE THE PH METER.
	0820	WE SAMPLE POINTE A LA HACHE PH@ 7.79 TEMP@ 19.2
	0845	WE SAMPLE BELLEVUE PH@ 7.83 TEMP@ 20.1
	0925	WE SAMPLE SCARSDALE PH@ 6.45 TEMP@ 18.4
	1000	WE SAMPLE BRAITHWAITE PH@ 8.31 TEMP@ 19.7
	1105	WE SAMPLE BELLE CHASSE 1 PH@ 7.75 TEMP@ 21.3
	1130	WE SAMPLE BELLE CHASSE 2 PH@ 7.89 TEMP@ 20.2
	1205	WE SAMPLE OLLIE 1 PH@ 8.34 TEMP@ 19.8
	1220	WE SAMPLE OLLIE 2 PH@ 8.73 TEMP@ 19.1
	1235	WE SAMPLE OLLIE 3 PH@ 8.79 TEMP@ 20.9
	1250	WE DECON EQUIPMENT + LEAVE THE SITE

WORK PERFORMED:

TIME: Arrival:_____ Departure:_____ Mileage:_____
HOURS: On-Site:_____ Travel:_____ Total Hours:_____

Technician: _____ Supervisor: _____

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions: clear
Equipment Used:
- ___ Bailers
- ___ Interface Probe(s)
- ___ Level D PPE
- ___ Pump
- ___ Pump Controller
- ___ Small Tools
- ✓ Truck(s)
- ___ Trailer(s)
- ✓ Other: sample jars

DATE	TIME	DESCRIPTION OF ACTIVITIES
11/15/05	06:00	Arrive @ MMG office / Gary, Richard, Wendell, Paul
11/15/05	06:30	Calibrate PH Meters
11/15/05	06:35	MOB
11/15/05	07:00	Tailgate Safety
11/15/05	07:30	Depart for Westbank Pumps / Wendell, Paul
11/15/05	09:15	Arrive at Durio / sampling begins
11/15/05	10:00	Arrive at Triumph & Grand Liard
11/15/05	11:05	Arrive at Sunrise #1 & Sunrise #2
11/15/05	12:00	Arrive at Gainard Woods
11/15/05	12:40	Arrive at Hayes
11/15/05	13:10	Arrive at Diamond
11/15/05	13:45	Arrive at West Pointe a la Hache / sampling ends.

WORK PERFORMED:

TIME: Arrival: 06:00 Departure: @ 7:30 Mileage:
HOURS: On-Site: Travel: Total Hours:

Technician: Wendell Thompson Supervisor: Paul Lo

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Page_____of_____

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions:
Equipment Used:
- ____ Bailers
- ____ Interface Probe(s)
- ____ Level D PPE
- ____ Pump
- ____ Pump Controller
- ____ Small Tools
- ____ Truck(s)
- ____ Trailer(s)
- ____ Other:

DATE	TIME	DESCRIPTION OF ACTIVITIES
11-15	0840	WE ARRIVE AT THE FIRST SITE + I START
		TO CALIBRATE THE PH METER.
	0850	WE SAMPLE POINTE ALA HACHE PH@ 9.94 TEMP@ 19.2
	0915	WE SAMPLE BELLEVUE PH@ 7.83 TEMP@ 20.8
	0950	WE SAMPLE SCARSDALE PH@ 6.94 TEMP@ 18.4
	1025	WE SAMPLE BRAITHWAITE PH@ 8.56 TEMP@ 17.7
	1125	WE SAMPLE BELLE CHASSE 1 PH@ 8.36 TEMP@ 19.5
	1150	WE SAMPLE BELLE CHASSE 2 PH@ 8.77 TEMP@ 21.2
	1220	WE SAMPLE OLLIE 1 PH@ 7.44 TEMP@ 19.9
	1230	WE SAMPLE OLLIE 2 PH@ 7.52 TEMP@ 20.8
	1245	WE SAMPLE OLLIE 3 PH@ 7.77 TEMP@ 20.4
	1300	WE DECON ALL EQUIPMENT + GO TO DROP
		OFF SAMPLES

WORK PERFORMED:

TIME: Arrival:_____ Departure:_____ Mileage:_____
HOURS: On-Site:_____ Travel:_____ Total Hours:_____

Technician: _____ Supervisor: _____

DAILY LOG

Materials Management Group, Inc
3520 General DeGaulle Drive, Suite 3010, New Orleans, LA 70114
Phone: (504)368-05Fax: (504)368-8403

Project Number: 2832-ACE

Page / of /

Job Title: Plaquemines Parish Pump Station Water Sampling – Task 2
Job Location:
Purpose of Site Visit: Water sampling
Client/Contact: Reuben Mabry — Phone: (504) 862-2707
Contractor Contact: Paul Lo — Phone: (504) 368-0568
Weather Conditions:
Equipment Used: ___Bailers ___Truck(s) ___Interface Probe(s) ___Trailer(s) ___Level D PPE ___Other: ___Pump ___Pump Controller ___Small Tools

DATE	TIME	DESCRIPTION OF ACTIVITIES
11-22	0835	WE ARRIVE AT THE FIRST SITE.
	0840	WE SAMPLE POINTE A LA HACHE PH@ 8.14 TEMP@ 14.3
	0905	WE SAMPLE BELLEVUE PH@ 8.05 TEMP@ 13.9
	0945	WE SAMPLE SCARSDALE PH@ 7.73 TEMP@ 14.3
	1020	WE SAMPLE BRAITWAITE PH@ 8.47 TEMP@ 13.9
	1130	WE SAMPLE BELLE CHASSE 1 PH@ 7.77 TEMP@ 16.1
	1155	WE SAMPLE BELLE CHASSE 2 PH@ 7.42 TEMP@ 16.2
	1250	WE SAMPLE OLLIE 1 PH@ 7.52 TEMP@ 15.8
	1310	WE SAMPLE OLLIE 2 PH@ 7.85 TEMP@ 16.2
	1330	WE SAMPLE OLLIE 3 PH@ 7.97 TEMP@ 17.2

WORK PERFORMED:

TIME: Arrival:_____ Departure:_____ Mileage:_____
HOURS: On-Site:_____ Travel:_____ Total Hours:_____

echnician: _____ Supervisor: _____

Appendix B: Final Safety Report

Tailgate Safety Meeting

Date: 10/25 Time: 6:30 File #: 2832-ACE

Site Location: Plaquemines Parish

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** *(Optional)*

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents,

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other:

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger :
☐ Personnel ☐ Area ☐ Field Screening
☐ Other :

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By:

Printed Name	Signature
[illegible]	[illegible]
Wendell Thompson	[illegible]
GARY BROOKS	[illegible]
Richard Encalada	[illegible]

Plan of the Day

Job #: 2832-ACE

Location: _____

Date: _____

Supervisor's Initials: _____

Tailgate Safety Meeting

Date: 10/27/05 Time: 0645 File #: 2832-ACE

Site Location: Plaquemines Parish

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** *(Optional)*

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents,

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other:

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger :
☐ Personnel ☐ Area ☐ Field Screening
☐ Other :

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By: Paul Lo

Printed Name	Signature
Paul Lo	[illegible]
GARY BROOKS	[illegible]
Richard Enoalde	[illegible]
Rene Silva	[illegible]
Wendell Thompson	[illegible]

Plan of the Day

Job #: 2832-ACE

Location: _____

Date: _____

Supervisor's Initials: _____

MMG

Tailgate Safety Meeting

Date: 11/1/05 Time: 0650 File #: 2832-ACE

Site Location: Plaquemines Parish

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** *(Optional)*

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents,

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other:

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger :
☐ Personnel ☐ Area ☐ Field Screening
☐ Other :

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By: Paul Lo

Printed Name	Signature
Paul Lo	[illegible]
Gary Brooks	[illegible]
Wendell Thompson	[illegible]
Richard Escalade	[illegible]
Rene Silva	[illegible]

Plan of the Day

Job #: 2832-ACE

Location: _____

Date: _____

Supervisor's Initials: _____

Tailgate Safety Meeting

Date: 11/3/05 Time: 6:55 File #: 2832-ACE

Site Location: Plaquemine Parish

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** *(Optional)*

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents.

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other:

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger :
☐ Personnel ☐ Area ☐ Field Screening
☐ Other :

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By: Paul Lo

Printed Name	Signature
Paul Lo	
GARY BROOKS	
Wendell Thompson	
Richard Encalada	R. Encalada

Plan of the Day

Job #: 2832-ACE
Location: _____

Date: _____
Supervisor's Initials: _____

Tailgate Safety Meeting

Date: 11/08/05 Time: 0655 File #: 2832-ACE

Site Location:

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** Foggy Weather, Driving Conditions.
(Optional)

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents,

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other:

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger :
☐ Personnel ☐ Area ☐ Field Screening
☐ Other :

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By: Paul Lo

Printed Name	Signature
Paul Lo	
GARY BROOKS	
Wendell Thompson	
Richard Encalada	
Rene Silva	

Plan of the Day

Job #: 2832-ACE

Location: _____

Date: _____

Supervisor's Initials: _____

Tailgate Safety Meeting

Date: 11/10/05 Time: 07:03 File #: 2832-ACE

Site Location: MMG Office

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** Fog.
(Optional)

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents.

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other:

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger :
☐ Personnel ☐ Area ☐ Field Screening
☐ Other :

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By: Wendell Thompson

Printed Name	Signature
Wendell Thompson	Wendell Thompson
Rene Silva	Rene Silva
GARY BROOKS	[illegible]
Richard Encelada	R. Encelada

Plan of the Day

Job #: 2832-ACE
Location: MMF Office

Date: 10/11/05
Supervisor's Initials: WT.

Tailgate Safety Meeting

Date: 11-22-05 Time: 7:00 AM File #: 2832-ACE

Site Location: Plaquemines Parish

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** *(Optional)*

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents,

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other:

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger :
☐ Personnel ☐ Area ☐ Field Screening
☐ Other :

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By: Paul Lo

Printed Name	Signature
Paul Lo	[illegible]
Wade Thompson	[illegible]
GARY BROOK	[illegible]
RICHARD ENCARNACION	[illegible]

Plan of the Day

Job #: 2832-ACE

Location: _____

Date: _____

Supervisor's Initials: _____

Tailgate Safety Meeting

Date: 11/11/05 Time: 0650 File #: 2832-ACE

Site Location: Plaquemines Parish.

Type of Work: Plaquemines Parish Pump Station Water Sampling – Task 2

Site Manager: Paul Lo Site Phone: (504) 237-5172

☒ **Topic of the Day:** _____
(Optional) _____

Hazards:

☒ Slips/Trips/Falls ☒ Thermal Stress ☒ Biological ☐ Fire/Explosion/Hot Work*
☐ Electrical ☐ Lifting ☐ Acoustical ☐ Heavy Equipment
☐ Radiological ☐ Excavation* ☐ Confined Space* ☒ Severe Weather

☒ Chemical Exposure
☒From site: Unkown contaminants
☒From work procedures: Reagents.

☒ Absorption ☒ Inhalation ☒ Ingestion ☐ MSDS located in field files
☐ Other: _____

PPE: Level ☐ A ☐ B ☐ C ☒ D

☐ Full Face ☐ 1/2 Face
☐ Hepa ☐ Organic ☐ Combination: HEPA/Organic
☐ Cascade Air ☐ SCBA ☐ Air Pump
☐ Steel Toe ☒ Rubber Steel Toe ☐ Cotton Dot ☐ Leather Gloves
☐ Ear Plugs ☐ Hard Hat ☐ Face Shield/Goggles/Glasses
☐ Surgical Gloves ☒ Nitrile Gloves ☐ PVC Gloves
☐ Tyvek ☐ Saranex ☒ Other : Waders

Monitoring:

☐ FID ☐ PID ☐ LEL/O_2 ☐ XRF
☐ Draeger : _____
☐ Personnel ☐ Area ☐ Field Screening
☐ Other : _____

Emergency Facility: ☒ Map in Job Binder

Name: West Jefferson Medical Center Phone: 911, (504) 347-5511

Address: 1101 Medical Center Blvd., Marrero, LA 70072

Attendee's Signature required on other side of this form. *** Permit Required**

Meeting Conducted By: _____

Printed Name	Signature

Plan of the Day

Job #: 2832-ACE

Location: _____

Date: _____

Supervisor's Initials: _____

Appendix C: Photographs

Plaquemines Parish Pump Station Water Sampling-Task 2
Photolog
2832-ACE

Photo Number	Compass Direction Facing	Location	Description
1	Southeast	Belle Chasse #1	Intake
2	Southeast	Belle Chasse #1	Discharge
3	Northeast	Belle Chasse #2	Intake
4	Northeast	Belle Chasse #2	Discharge
5	Southwest	Bellevue	Intake
6	Northeast	Bellevue	Discharge
7	East	Braithwaite	Intake
8	South	Braithwaite	Discharge
9	North	Diamond	Intake
10	East	Diamond	Discharge
11	Southeast	Duvic	Intake
12	North	Duvic	Discharge
13	East	Gainard Woods	Intake
14	East	Gainard Woods	Discharge
15	South	Grand Liard	Intake
16	North	Grand Liard	Discharge

Plaquemines Parish Pump Station Water Sampling-Task 2
Photolog
2832-ACE

Photo Number	Compass Direction Facing	Location	Description
17	North	Hayes	Intake
18	North	Hayes	Discharge
19	South	Upper Ollie	Intake
20	West	Upper Ollie	Discharge
21	South	Ollie #2	Intake
22	North	Ollie #2	Discharge
23	East	Lower Ollie	Intake
24	South	Lower Ollie	Discharge
25	West	Pointe A La Hache – East	Intake
26	Northeast	Pointe A La Hache – East	Discharge
27	West	Pointe A La Hache – West	Intake
28	Southeast	Pointe A La Hache – West	Discharge
29	North	Scarsdale	Intake
30	Northeast	Scarsdale	Discharge
31	Southeast	Sunrise #1	Intake
32	East	Sunrise #1	Discharge

Plaquemines Parish Pump Station Water Sampling-Task 2
Photolog
2832-ACE

Photo Number	Compass Direction Facing	Location	Description
33	Northeast	Sunrise #2	Intake
34	East	Sunrise #2	Discharge
35	North	Triumph	Intake
36	North	Triumph	Discharge

Photo # 1: Belle Chasse #1 Pumping Station - Intake

Photo # 2: Belle Chasse #1 Pumping Station - Discharge

Photo # 3: Belle Chasse #2 Pumping Station - Intake

Photo # 4: Belle Chasse #2 Pumping Station - Discharge

Photo # 5: Bellevue Pumping Station - Intake

Photo # 6: Bellevue Pumping Station - Discharge

Photo # 7: Braithwaite Pumping Station - Intake

Photo # 8: Braithwaite Pumping Station - Discharge

Photo # 9: Diamond Pumping Station - Intake

Photo # 10: Diamond Pumping Station - Discharge

Photo # 11: Duvic Pumping Station - Intake

Photo # 12: Duvic Pumping Station - Discharge

Photo # 13: Gainard Woods Pumping Station - Intake

Photo # 14: Gainard Woods Pumping Station - Discharge

Photo # 15: Grand Liard Pumping Station - Intake

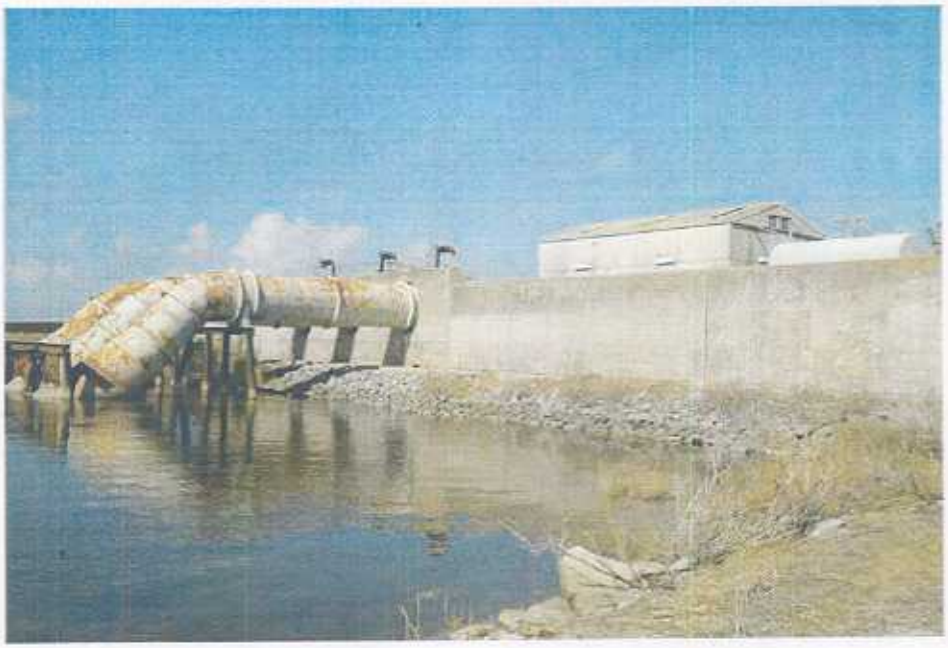


Photo # 16: Grand Liard Pumping Station - Discharge

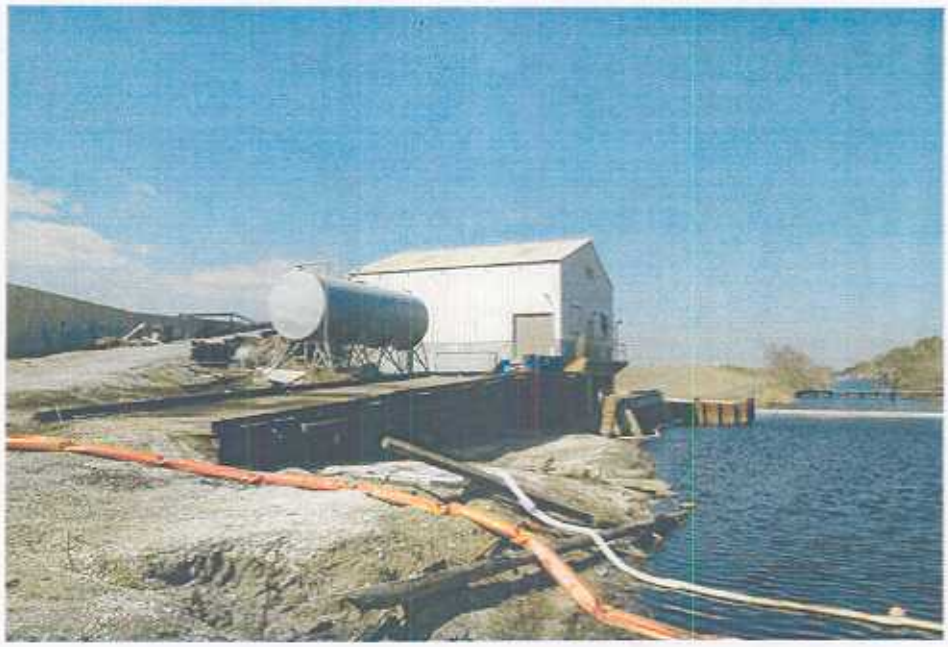


Photo # 17: Hayes Pumping Station - Intake

Photo # 18: Hayes Pumping Station - Discharge

Photo # 19: Upper Ollie Pumping Station - Intake

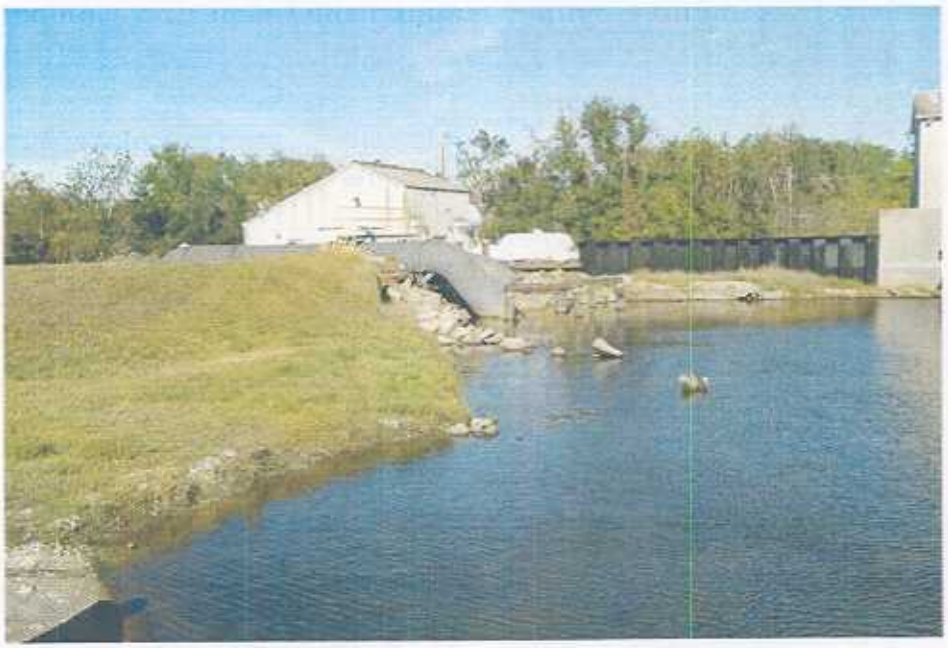


Photo # 20: Upper Ollie Pumping Station - Discharge

Photo # 21: Ollie #2 Pumping Station - Intake

Photo # 22: Ollie #2 Pumping Station - Discharge

Photo # 23: Lower Ollie Pumping Station - Intake

Photo # 24: Lower Ollie Pumping Station - Discharge

Photo # 25: Pointe A La Hache East Bank Pumping Station - Intake

Photo # 26: Pointe A La Hache East Bank Pumping Station - Discharge

Photo # 27: Pointe A La Hache West Bank Pumping Station - Intake

Photo # 28: Pointe A La Hache West Bank Pumping Station - Discharge

Photo # 29: Scarsdale Pumping Station - Intake

Photo # 30: Scarsdale Pumping Station - Discharge

Photo # 31: Sunrise #1 Pumping Station - Intake

Photo # 32: Sunrise #1 Pumping Station - Discharge

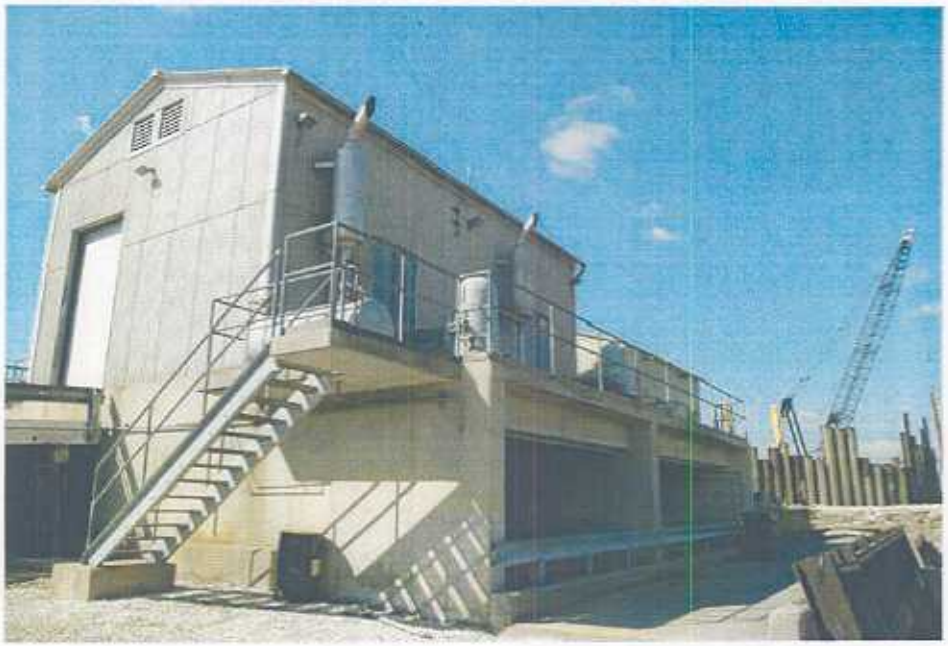


Photo # 33: Sunrise #2 Pumping Station - Intake

Photo # 34: Sunrise #2 Pumping Station - Discharge

Photo # 35: Triumph Pumping Station - Intake

Photo # 36: Triumph Pumping Station - Discharge

Appendix D: Final Analytical Report