# COMPLIANCE INSPECTION REPORT
# FOR
# UNDERGROUND STORAGE TANKS

#173

| | | | | | |
|---|---|---|---|---|---|
| **AI #:** | 98003 | **FID #:** | 36-018368 | | |
| **AI NAME:** | Sewerage & Water Board of New Orleans | | | **INSPECTION DATE(S):** | 7/30/07 |

| | | | | |
|---|---|---|---|---|
| **Physical Location** | 4801 Harbor Road | | | |
| | New Orleans | LA | **Parish:** | Orleans |
| | (City) | (State) | | |

| | | | | |
|---|---|---|---|---|
| **Mailing Address:** | 8800 South Claiborne Avenue | New Orleans | LA | 70118 |
| | (Address) | (City) | (State) | (Zip) |

| | |
|---|---|
| **Facility Representative/Title:** | Walter & Tran/Environmental Affairs |
| **Facility Representative Telephone No:** | Walter (504-799-9904) and Tran (504-942-3933) |
| **Lead Inspector:** | Adam M. Morgan (SEMS, Inc.) |
| **Other Inspector(s):** | |

**Summary of Findings/Comments**

A CEI was conducted to determine the degree of compliance with the 1998 upgrade requirements.

This location has two 15,000 gallon diesel double walled FRP tanks with pressurized double walled FRP lines. The tanks are used for emergency generator use and are therefore exempt from release detection requirements. Spill buckets are structurally sound. Overfill protection used is butterfly valves and high level alarm. No metal components observed touching water or soil; therefore, cathodic protection is not necessary.

The facility is in compliance with upgrade requirements.

| | | |
|---|---|---|
| **Report By:** | Adam M. Morgan | 8/13/07 |
| | Adam M. Morgan (SEMS, Inc.) | (Date) |
| **Reviewed By:** | Samuel W. Bronsard | 8-17-07 |
| | , Environmental Scientist Supervisor | (Date) |



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative. Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

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**Section A Registration Requirements** **(Further Explanation Attached ☐)**

1. Please indicate the number, size, product stored, installation date, and upgrade date for each tank registered at the facility? Tanks installed on or before Dec 22, 1988 are considered existing tanks.

| DEQ ASSIGNED TANK NO. | SIZE OF TANK (GALLONS) | PRODUCT STORED | INSTALLATION DATE | UPGRADE DATE |
|---|---|---|---|---|
| 55346 | 15,000 | diesel | 3/26/02 | 3/26/02 |
| 55347 | 15,000 | diesel | 3/26/02 | 3/26/02 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

**Latitude:** Degrees: Minutes: Seconds: Tank Hole Location

**Longitude:** Degrees: Minutes: Seconds:

## Significant Operational Compliance Components (SOC)

## SOC - Release Prevention

**Section B Standards for New Underground Storage Tanks** **(Further Explanation Attached ☐)**

1. Is each tank properly designed and constructed to prevent corrosion in any portion, which routinely contains product? (303.B.1) ☒ Yes ☐ No ☐ N/A
2. What is the corrosion protection method for the tanks?
   a. Fiberglass reinforced plastic (303.B.1.a.) ☒ Yes ☐ No ☐ N/A
   b. Tank constructed of metal and cathodically protected e.g. metal tank coated with dielectric material; impressed current (303.B.1.b) Specify: ☐ Yes ☐ No ☒ N/A
   c. metal-fiberglass reinforced plastic composite (303.B.1.c) ☐ Yes ☐ No ☒ N/A
   d. Records available to document CP is not necessary. (509.B.1) ☐ Yes ☐ No ☒ N/A
   e. Other corrosion protection Specify: ☐ Yes ☐ No ☒ N/A

**Section C Standards for New UST Piping System** **(Further Explanation Attached ☐)**

1. Is the piping that routinely contains regulated substances and is in contact with the ground or water designed, constructed, and protected to prevent corrosion? (303.B.2) ☒ Yes ☐ No ☐ N/A
2. What method of corrosion protection is used for the piping?
   a. Fiberglass-reinforced plastic piping (303.B.2.a.) ☒ Yes ☐ No ☐ N/A
   b. Constructed of metal and cathodically protected e.g. coated w/dielectric material etc. (303.B.2.b.) Specify: ☐ Yes ☐ No ☒ N/A
   c. Metal piping without additional corrosion protection measures. (303.B.2.c.) Specify: ☐ Yes ☐ No ☒ N/A
   d. Records available to document CP is not necessary. (509.B.1) ☐ Yes ☐ No ☒ N/A

**Section D Spill and Overfill for New UST Systems** **(Further Explanation Attached ☐)**

1. Is **each** tank equipped with Spill Prevention Equipment to prevent a release of product when the transfer hose is detached from the fill pipe? (303.B.3.a.i.) Date Installed: 3/2002 ☒ Yes ☐ No ☐ N/A
2. Is each tank equipped with Overfill Prevention Equipment? (303.B.3.a.ii.) Date Installed: 3/2002 ☒ Yes ☐ No ☐ N/A
3. Is the Overfill Prevention Equipment designed to:
   a. Automatically shut off flow to the tank when the tank is no more than 95% full? e. g. butterfly valve (303.B.3.a.ii.(a)) (device not tampered with or inoperable) ☒ Yes ☐ No ☐ N/A
   b. Automatically alert the transfer operator when the tank is no more than 90 % full? (Is the alarm near the fill port? Does it work?) (303.B.3.a.ii.(b)) e.g. overfill alarm ☒ Yes ☐ No ☐ N/A
   c. Restrict the flow 30 minutes prior to overfilling or alert the operator one minute before overfilling? (303.B.3.a.ii(c)) e.g. ball floats ☐ Yes ☐ No ☒ N/A
4. What type of Overfill Prevention Equipment being used? (303.B.3.b.) butterfly valves & overfill alarm

**Section E Upgrading Existing UST Systems to New System Standards** **(Further Explanation Attached ☐)**

1. Does the Existing UST system comply with one of the following requirements:
   a. Was the system upgraded to meet the standards for New UST systems? (303.C.1.a.) ☐ Yes ☐ No ☐ N/A
   b. Was the system upgraded with cathodic protection? (303.C.1.b.) If yes, complete Section H. ☐ Yes ☐ No ☐ N/A



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative. Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

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|---|---|
| 2. What method of corrosion protection is used for each tank? | |
| a. Metal tank retrofitted with interior lining (303.C.3.a) Date Lining Installed: | ☐ Yes ☐ No ☐ N/A |
| b. Is lining inspected periodically? Date of Last Inspection: | ☐ Yes ☐ No ☐ N/A |
| c. Metal tank retrofitted with cathodic protection (303.C.3.b.) | ☐ Yes ☐ No ☐ N/A |
| d. Internal Lining combined with cathodic protection (303.C.3.c) | ☐ Yes ☐ No ☐ N/A |
| e. Other corrosion protection. Specify: | ☐ Yes ☐ No ☐ N/A |
| **Section F Piping Upgrading Requirements** | **(Further Explanation Attached ☐)** |
| 1. Is the piping protected from corrosion? If yes, complete Section C. (303.C.4) | ☐ Yes ☐ No ☐ N/A |
| **Section G Spill and Overfill for Existing Tanks** | **(Further Explanation Attached ☐)** |
| 1. Is each tank equipped with Spill and Overfill Prevention Equipment? (303.C.5) If yes complete questions Section D. . | ☐ Yes ☐ No ☐ N/A |
| **Section H Release Prevention Operation and Maintenance** | **(Further Explanation Attached ☐)** |
| 1. Is the corrosion protection system continuously operated and maintained to provide corrosion protection to metal components of external portions of the tanks and piping that routinely contain regulated substance and are in contact with the ground or water? (503.A.1) | ☐ Yes ☐ No ☒ N/A |
| 2. Are the cathodic protection systems inspected by qualified testers? (503.A.2) | ☐ Yes ☐ No ☒ N/A |
| 3. Was the cathodic protection system tested within six months after installation? (503.A.2.a) | ☐ Yes ☐ No ☒ N/A |
| 4. Is the system tested at least every three years? (503.A.2.a) | ☐ Yes ☐ No ☒ N/A |
| 5. Does the inspection meet the requirements of a code of practice developed by a nationally recognized association? (503.A.2.b) | ☐ Yes ☐ No ☒ N/A |
| 6. Does the facility have copies of the last two cathodic protection inspections? (503.B.2) | ☐ Yes ☐ No ☒ N/A |
| 7. If the UST system has an impressed current, is the rectifier inspected every 60 days? (503.A.3) | ☐ Yes ☐ No ☒ N/A |
| 8. Does the facility have copies of the last three years rectifier inspections? (503.B.1) | ☐ Yes ☐ No ☒ N/A |
| 9. Are all records of UST system repairs being retained for the operating life of the UST system? (507.B) | ☐ Yes ☐ No ☒ N/A |
| a. Is a tightness test performed on the tank and/or piping within 30 days of a repair if applicable? (507.A.5) | ☐ Yes ☐ No ☒ N/A |
| b. Is the cathodic protection systems tested within six months of a repair? (507.A.6) | ☐ Yes ☐ No ☒ N/A |
| c. Documentation of operation of corrosion protection equipment (509.B.2.) | ☐ Yes ☐ No ☒ N/A |

## SOC - Release Detection

| | |
|---|---|
| **Section I Release Detection Requirements for System** | **(Further Explanation Attached ☐)** |
| 1. Does the facility perform an approved method of release detection? (703.A.1) | ☒ Yes ☐ No |
| 2. Is the method of release detection capable of detecting a release from any portion of the tank that routinely contains product? (703.A.1.a) | ☐ Yes ☐ No ☒ N/A |
| 3. Is the release detection system installed, calibrated, operated, and maintained in accordance with the manufacturer's instructions including routine maintenance, etc.? (703.A.1.b) | ☐ Yes ☐ No ☒ N/A |
| 4. Does the release detection system meet the performance standards outlined in 703.A.1.c? (Check third party certification against equipment or method present) (703.A.1.c) | ☐ Yes ☐ No ☒ N/A |
| **Section J Release Detection Record Keeping** | **(Further Explanation Attached ☐)** |
| 1. As outlined in 705.A.1, does the facility maintain all written performance claims and documentation provided by the release detection vendor throughout the operating life of the equipment? (509.B.4) | ☐ Yes ☐ No ☒ N/A |
| 2. Are the following records, listed in 705 A.2 & 3, retained for at least three year as required? (509.B.4) | |
| a. sampling records | ☐ Yes ☐ No ☒ N/A |
| b. equipment testing; | ☐ Yes ☐ No ☒ N/A |
| c. monitoring results; | ☐ Yes ☐ No ☒ N/A |
| d. calibration records; | ☐ Yes ☐ No ☒ N/A |
| e. maintenance records; | ☐ Yes ☐ No ☒ N/A |
| f. leak detection equipment repairs | ☐ Yes ☐ No ☒ N/A |
| 3. According to 705.A.2., are all tank tightness-testing records retained until the next test is conducted? (509.B.4) | ☐ Yes ☐ No ☒ N/A |
| 4. As outlined in 705.A.3., are schedules of required calibration and maintenance for release detection equipment retained for 5 years? (509.B.4) | ☐ Yes ☐ No ☒ N/A |
| **Section K Release Reporting** | **(Further Explanation Attached ☐)** |
| **Suspected Releases** | |
| 1. Facility has notified the department of a suspected release as required (703.A.2) | ☐ Yes ☐ No ☒ N/A |
| 2. ~~Facility has resolved suspected release in accordance with procedures outlined in 707 or 711.~~ | ☐ Yes ☐ No ☐ N/A |
| **Spills and Overfills** | |



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative. Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

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|---|---|---|
| 1. | Facility has notified department of spills and overfills as required. (713 A) | ☐ Yes ☐ No ☒ N/A |
| 2. | ~~Follow-up written reports were submitted to department within 7 days as required.~~ | ☐ Yes ☐ No ☐ N/A |

**Section L Release Detection Methods for Tanks** **(Further Explanation Attached ☐)**

Is release dectection being performed on the UST system's tanks? If yes, check the method(s) utilized by the facility? ☐ Yes ☐ No ☒ N/A

☐ **A. Inventory Control with Tank Tightness Testing** (701.A.1) Deadline date:

| | | |
|---|---|---|
| a. | Are inputs, withdrawals, and amts remaining in tank recorded daily or on each operating day? (701.A.1.a.) | ☐ Yes ☐ No ☐ N/A |
| b. | Is the measuring equipment capable of measuring the level of the product over the full range of the tank's height to the nearest one-eighth of an inch? (701.A.1.b.) | ☐ Yes ☐ No ☐ N/A |
| c. | Are inputs reconciled with delivery receipts? (701.A.1.c) | ☐ Yes ☐ No ☐ N/A |
| d. | Are the deliveries made through a drop tube which extends to within one foot of bottom? (701.A.1.d) | ☐ Yes ☐ No ☐ N/A |
| e. | Is measurements of the water level made to the nearest one-eighth of an inch at least once a month? (701.A.1.f.) | ☐ Yes ☐ No ☐ N/A |
| f. | Is TTT method capable of detecting a 0.1 gal/hr leak rate from any portion of the tank routinely containing product? (703.B.1.a) | ☐ Yes ☐ No ☐ N/A |
| g. | Is the TTT conducted every 5 years as required ? (703.B.1.a) | ☐ Yes ☐ No ☐ N/A |
| | Date of Last Test: | |
| h. | TTT is conducted following the manufacturer's instructions or third party certification conditions. (703.A.1.c) | ☐ Yes ☐ No ☐ N/A |

☐ **B. Manual Tank Gauging (MTG)** (tanks <2000 gal) (701.A.2)

| | | |
|---|---|---|
| a. | If tank is >550 gal and < 2000 gal is annual tank tightness being conducted? (703.B.1.b) Date of last test: | ☐ Yes ☐ No ☐ N/A |
| b. | Tank size is appropriate for using MTG (701.A.2) | ☐ Yes ☐ No ☐ N/A |
| c. | Method is being conducted properly (701.A.2.d) | ☐ Yes ☐ No ☐ N/A |
| d. | No liquid is added to or taken out of tank during test. (701.A.2.a) | ☐ Yes ☐ No ☐ N/A |
| e. | Equipment is capable of 1/8-in measurement (701.A.2.c.) | ☐ Yes ☐ No ☐ N/A |

☐ **C. Automatic Tank Gauging (ATG)** (701.A.4.)

Make and Model: Probe Type:

| | | |
|---|---|---|
| a. | Is the ATG capable of detecting a leak of 0.2 gal/hr leak rate? (701.A.4.a.i) | ☐ Yes ☐ No ☐ N/A |
| b. | If ATG is not capable of 0.2 gal/hr leak rate, is inventory control (or other equivalent performance test) being conducted in accordance with monthly leak detection requirements? (701.A.4.a.ii.) | ☐ Yes ☐ No ☐ N/A |
| c. | As the sole method of release detection, the ATG must be able to detect a 0.2 gal/hr release from any portion of the UST system with a probability of detection of 0.95 and a probability of false alarm of no greater than 0.05 (701A.4.b) | ☐ Yes ☐ No ☐ N/A |
| d. | The ATG will generate a hard copy which contains the following: | |
| | i. the time and date of the test (701.A.4.b.i); | ☐ Yes ☐ No ☐ N/A |
| | ii. the tank identification (701.A.4.b.ii); | ☐ Yes ☐ No ☐ N/A |
| | iii. the fuel volume in the tank at the time of the test (701.A.b.iii); | ☐ Yes ☐ No ☐ N/A |
| | iv. the qualitative result either "pass" or "fail" (701.A.b.iv); | ☐ Yes ☐ No ☐ N/A |
| e. | Is the test being conducted according to Third Party Certification Conditions? (703.A.1.c) | ☐ Yes ☐ No ☐ N/A |

☐ **D. External Release Detection Devices** (701.A.5)

General Requirements for Vapor and Liquid Monitoring

| | | |
|---|---|---|
| a. | Do the RDDs meet the general requirements for construction? (701.A.5.a) | ☐ Yes ☐ No ☐ N/A |
| b. | Are the release detection devices clearly marked where applicable? (701.A.5.b.vii , 701.A.5.c.vi) | ☐ Yes ☐ No ☐ N/A |
| c. | Wells are properly designed and positioned | ☐ Yes ☐ No ☐ N/A |
| d. | Type of backfill: | |
| e. | Site assessment has been performed for vapor or ground water monitoring? | ☐ Yes ☐ No ☐ N/A |

☐ **Groundwater Monitoring** (701.A.5.c.)

| | | |
|---|---|---|
| a. | Ground water in the monitoring well is never more than 20 feet from the ground surface. | ☐ Yes ☐ No ☐ N/A |
| b. | Can the continuous monitoring device or manual method detect 1/8-in of free product? | ☐ Yes ☐ No ☐ N/A |

☐ **Vapor Monitoring**

| | | |
|---|---|---|
| a. | Vapor monitoring well is not affected by high ground water. (701.A.5.b.iii) | ☐ Yes ☐ No ☐ N/A |

☐ **E. Interstitial Monitoring** (701.A.6.)

| | | |
|---|---|---|
| a. | Describe the UST system which uses IM e.g. double walled tank, secondary barrier: Explain: | ☐ Yes ☐ No ☐ N/A |



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative. Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

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|---|---|
| b. Secondary containment can be used to detect a release. (701.A.6.a) | ☒ Yes ☐ No ☐ N/A |
| c. Sensor properly positioned. (701.A1.b.) | ☒ Yes ☐ No ☐ N/A |
| ☐ **F. Statistical Inventory Reconciliation (SIR) (701.A.7)** | |
| a. Can the SIR method detect a release of 0.2 gal/hr from any portion of the UST System that routinely contains product with a probability of detection of at least 0.95 and a probability of false alarm no greater than 0.05 (701.A.7.a). | ☐ Yes ☐ No ☐ N/A |
| b. Did the owner/operator received the monthly report(s) from the SIR provider/vendor who performs the analysis within 15 days following the last day of the calendar month for which the analyst was performed (701.A.7.b). | ☐ Yes ☐ No ☐ N/A |
| c. Did the SIR analysis report include the following information: | |
| i. the name of the SIR provider/vendor and the name and version of the SIR method used 701.A.7.b.i); | ☐ Yes ☐ No ☐ N/A |
| ii the name of the company and individual who performed the analysis (701.A.7.b.ii); | ☐ Yes ☐ No ☐ N/A |
| iii the name and address of the facility at which the analysis was performed (701.A.7.b.iii); | ☐ Yes ☐ No ☐ N/A |
| iv a description of the UST system for which the analysis was performed (701.A.7.b.iii); | ☐ Yes ☐ No ☐ N/A |
| v. a quantitative statement, in gallons/hr, for each UST system monitored for the month, of the leak threshold, minimum detectable leak rate, and the indicated leak rate (701.A.b.iv.); | ☐ Yes ☐ No ☐ N/A |
| vi a quantitative statement of "pass," "fail," or "inconclusive" for each UST system monitored (701.A.b/v). | ☐ Yes ☐ No ☐ N/A |
| ☐ **G. Other Method**: (701.A.8) Specify Method: | |
| a. Method can detect 0.2 gal/hr leak rate or a release of 150 gal within a month; & meet the 95/5 probability requirement. (701.A.8.a) **OR** | ☐ Yes ☐ No ☐ N/A |
| b. EPA/LDEQ has approved the method as being as effective as Tank Tightness testing, ATG, vapor monitoring, ground water monitoring, or interstitial monitoring and operator complies with any conditions imposed by the agency. (701.A.8.b) | ☐ Yes ☐ No ☐ N/A |
| 2. Are the release detection methods monitored at least every 30 days? (703.B.1.) | ☐ Yes ☐ No ☐ N/A |
| **Section M Methods of Release Detection for Piping** | **(Further Explanation Attached ☐)** |
| Is release detection performed on the UST system's piping? If yes, check the appropriate piping system. | ☐ Yes ☐ No ☐ N/A |
| ☒ **A. Pressurized Piping** | |
| 1. Which of the following methods of leak detection does the facility use for pressurized piping? (703.B.2.a.) | |
| a. Automatic Line Leak Detectors (ALLD) (one of the following methods is required) (703.B.2.a.i) | ☐ Yes ☐ No ☐ N/A |
| i. Automatic flow restrictor or | ☐ Yes ☐ No ☐ N/A |
| ii. Automatic shutoff or | ☐ Yes ☐ No ☐ N/A |
| iii. Continuous audible or visual alarm | ☐ Yes ☐ No ☐ N/A |
| iv. Is a performance test conducted every 12 months on the line leak detector according to manufacturer's requirements **and** also by simulating a release in order to determine if the system is fully operational? | ☐ Yes ☐ No ☐ N/A |
| v. ~~Can the Automatic Line Leak Detectors detect leaks of 3 gal/hour at 10 psi within 1 hr?~~ | ☐ Yes ☐ No ☐ N/A |
| vi. Is the ALLD operational? | ☐ Yes ☐ No ☐ N/A |
| **AND** b. One other method (703.B.2.a.ii.) | ☐ Yes ☐ No ☐ N/A |
| i A line tightness test conducted every 12 months (703.B.2.a.ii); Date of last test: | ☐ Yes ☐ No ☐ N/A |
| ii. Is LTT method capable of detecting a 0.1 gal/hr leak rate from any portion of the tank routinely containing product? (703.B.2.a.ii) | ☐ Yes ☐ No ☐ N/A |
| iii. Is the Tightness Test conducted following manufacturer's instructions and third party certification? (703.1.A.c) | ☐ Yes ☐ No ☐ N/A |
| **OR** | |
| iv. Monthly interstitial monitoring or | ☐ Yes ☐ No ☐ N/A |
| v. Monthly vapor monitoring or | ☐ Yes ☐ No ☐ N/A |
| vi. Monthly groundwater monitoring or | ☐ Yes ☐ No ☐ N/A |
| vii. Monthly statistical reconciliation or | ☐ Yes ☐ No ☐ N/A |
| viii. Other monthly monitoring Specify: | ☐ Yes ☐ No ☐ N/A |
| ☐ **B. Suction Piping** | |
| 1. Which of the following leak detection methods does the facility use for suction piping? (703.B.2.b) | |
| a. (Safe Suction) No leak detection if the piping has enough slope to drain product back into tank **and** has only one check valve located beneath the pump in the dispensing unit **OR** (703.2.b.) | ☐ Yes ☐ No ☐ N/A |
| b. Line tightness test every 3 years? Dates of last test: | ☐ Yes ☐ No ☐ N/A |
| Is tightness test conducted according to manufacturer's instructions and/or third party certification conditions? | ☐ Yes ☐ No ☐ N/A |
| **OR** | |
| c. One of the other methods listed in Section K.2.b.ii-vi above and verified (703.B.2.b.v.) Specify: | ☐ Yes ☐ No ☐ N/A |



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative. Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

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## Section N Requirements for Temporary Closure (Further Explanation Attached ☐)

| | | |
|---|---|---|
| 1. | For UST systems in temporary closure, has the facility (903.A.) | |
| a. | Notified the Department of the temporary closure status (903.B.3) | ☐ Yes ☐ No ☒ N/A |
| b. | Removed all the liquids from the system. *If all liquids were removed, go to Section N.* If greater than 1 inch of liquids remain please complete this section and sections L &M. (903.A.) | ☐ Yes ☐ No ☒ N/A |
| c. | If applicable, has the Cathodic Protection been maintained? (903.A.) | ☐ Yes ☐ No ☒ N/A |
| 2. | If the UST system was temporarily closed for 3 months or less, did the owner/operator comply with the following: (903.B) | ☐ Yes ☐ No ☒ N/A |
| a. | Leave vent line open and functional (903.B.1) | ☐ Yes ☐ No ☒ N/A |
| b. | Cap and secure all other lines, pump, manways, and ancillary equipment (903.B.2) | ☐ Yes ☐ No ☒ N/A |
| c. | Perform a tank tightness test within five days after the system was brought back into service (903.D.) | ☐ Yes ☐ No ☒ N/A |

# NON-Significant Operational Compliance Components

## Section O Additional Paperwork Requirements (Further Explanation Attached ☐)

| | | |
|---|---|---|
| 1. | Is the information on the registration form current and accurate? (301.A.3 or 301.B.) | ☒ Yes ☐ No ☐ N/A |
| 2. | Is a copy of the current registration form kept on-site or at the nearest staffed facility? (301.C.3) | ☒ Yes ☐ No ☐ N/A |
| 3. | Has the owner/operator submitted the following information to the department: | ☒ Yes ☐ No ☐ N/A |
| a. | Registration form for all UST systems, including installation certification and installer verification for new tank systems (509.A.1.) | ☒ Yes ☒ No ☐ N/A |
| b. | Reports of all releases, suspected releases, spills and overfills, and confirmed releases (509.A.2) | ☐ Yes ☐ No ☒ N/A |
| c. | ~~Descriptions of corrective action plans, site characterizations, free product removal investigation of soil and groundwater cleanup, and corrective action plan (509.A.3.)~~ | ☐ Yes ☐ No ☐ N/A |
| d. | ~~Notification before permanent closure or change in service (509.A.4)~~ | ☐ Yes ☐ No ☐ N/A |
| e. | ~~Results of site assessment conducted at permanent closure (509.A.5.)~~ | ☐ Yes ☐ No ☐ N/A |
| 4. | Has the owner/operator maintained the following documents: | |
| a. | Documentation of UST system repairs (509.B.3.) | ☐ Yes ☐ No ☒ N/A |
| b. | A copy of the most current registration form filed with department (509.B.5) | ☒ Yes ☐ No ☐ N/A |
| 5. | Was the facility able to provide the records in a timely fashion as required by the inspector? (509.C.) | ☒ Yes ☐ No ☐ N/A |

## Section P General Requirements (Further Explanation Attached ☐)

| | | |
|---|---|---|
| 1. | Are the materials being stored compatible with the materials or liner in the UST system? (505.A.) | ☒ Yes ☐ No ☐ N/A |
| 2. | ~~Is the tank located within 50 feet of active or abandoned water well? (303.A.)~~ | ☐ Yes ☐ No ☐ N/A |

## Section Q Temporary Closure Continued (Further Explanation Attached ☐)

| | | |
|---|---|---|
| 1. | If the UST system is temporarily closed for more than 6 months has the owner/operator permanently closed the system (903.C.). | ☐ Yes ☐ No ☒ N/A |
| 2. | If the UST system is temporarily closed for more than 24 months, has the owner/operator (903.D) | |
| a. | performed a site assessment in accordance with 907; | ☐ Yes ☐ No ☒ N/A |
| b. | were the results of the site assessment submitted to DEQ within 60 days following the end of the 24 month period. or | ☐ Yes ☐ No ☒ N/A |
| c. | Applied for an extension to perform a site assessment. | ☐ Yes ☐ No ☒ N/A |

## Section R Requirements for Permanent Closure (Further Explanation Attached ☐)

| | |
|---|---|
| ~~If the site has undergone permanent closure, has the owner/operator maintained the site assessment for a period of three years?~~ | ☐ Yes ☐ No ☐ N/A |

## Section S Financial Responsibility (Further Explanation Attached ☐)

| | | |
|---|---|---|
| 1. | Has the facility paid its annual monitoring and maintenance fee? (307.D) | ☒ Yes ☐ No ☐ N/A |
| 2. | Is the Registration/Fee Certificate posted? | ☒ Yes ☐ No ☐ N/A |
| 3. | ~~Can the owner/operators demonstrate financial responsibility for taking corrective action etc, i.e. how is he going to pay for the cleanup of a release? What type of financial responsibility is used? Explain:~~ | ☐ Yes ☐ No ☐ N/A |

## Section T Failure to Comply

| | |
|---|---|
| Has the facility failed to comply with any of the regulations or any order issued by the department? If so, this constitutes a violation of the Act. | ☐ Yes ☒ No ☐ N/A |



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative. Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

FURTHER EXPLANATIONS

| AI No: | | Insp. Date: | |
|---|---|---|---|

| Section: | | Part: | | Regulation | |
|---|---|---|---|---|---|
| Detail: | | | | | |

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|
| Detail: | | | | | |

| Section: | | Part | | Regulation: | |
|---|---|---|---|---|---|
| Detail: | | | | | |

| Section: | | Part | | Regulation: | |
|---|---|---|---|---|---|
| Detail: | | | | | |

| Section: | | Part | | Regulation: | |
|---|---|---|---|---|---|
| Detail: | | | | | |

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|
| Detail: | | | | | |

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|
| Detail: | | | | | |



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative.
Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

| AI No: | | Insp. Date: | |
|---|---|---|---|

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|

Detail:

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|

Detail:

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|

Detail:

| Section: | | Part: | | Regulation: | |
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| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|

Detail:

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|

Detail:

| Section: | | Part: | | Regulation: | |
|---|---|---|---|---|---|

Detail:



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative.
Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 98003 INSPECTION DATE: 7-30-07 TIME OF ARRIVAL: 10:52 AM
ALTERNATE ID#: 36-018368 (ID Type/Number) DEPARTURE DATE: 7-30-07 TIME OF DEPARTURE: 11:20 AM
FACILITY NAME: Sewerage & Water Board of New Orleans PH #:
LOCATION: 4801 Harbor Rd. , New Orleans, LA 70118
PARISH NAME: ORLEANS
RECEIVING STREAM (BASIN/SUBSEGMENT):
MAILING ADDRESS: 8800 South Claiborne Ave. (Street/P.O. Box) New Orleans (City) LA (State) 70118 (ZIP)
FACILITY REPRESENTATIVE: Walter T Tran TITLE:
FACILITY REPRESENTATIVE PHONE NUMBER: Walter: (504) 799-9904 / Tran: (504) 942-3933
NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR WASTE WATER (OTHER) UST

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

2 - 15,000 UST's, installed 3-15-02, store diesel at this location. The tanks are double-walled FRP with double walled FRP pressurized product lines. These UST's are used for emergency generator use only. Submersible pumps clean and no water in sumps. Line leak detectors functional and intact. A Veeder Root high level alarm and Butterfly valve is used for overfill prevention. Spill Buckets intact and structurally sound. Facility is in compliance with 1998 UST upgrade requirements.

**AREAS OF CONCERN:**

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☐ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Walter Berard
PRINT NAME: Walter Berard S&WB NO
(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Adam M. Morgan (SEMS, Inc.) CROSS REFERENCE:
ATTACHMENTS:
REVIEWER:

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# ENFORCEMENT DIVISION MEMO TO THE FILE

**FACILITY**: Sewerage & Water Board of New Orleans

**INSPECTION DATE**: April 11, 2007

**TRACKING NO.**: XP-SE-07-0128

**AI NUMBER**: 150098

**ALT. ID NUMBER**: N/A

**DATE**: July 31, 2007

**SUBJECT**:

(__) NFA for citation (Type in citation, if applicable)

( X ) NFA for referral

(__) Information for file

---

Information for file: On or about April 11, 2007, the Department conducted an inspection at or near Light Pole No. 149 on Almonaster Boulevard, New Orleans, Orleans Parish, Louisiana. Inspectors from the Department observed several piles of construction debris on the property and noted such in the Field Interview Form (FIF). Upon the time of inspection, it was believed that the property was owned and/or operated by the Sewerage and Water Board of New Orleans (Respondent).

The Department conducted an inspection on or about April 11, 2007, at or near Light Pole No. 153 on Almonaster Boulevard, New Orleans, Orleans Parish, Louisiana that is owned and/or utilized by the Respondent, evidenced by a lockable gate displaying the Respondent's name at the property entrance. The Department's Enforcement Division issued an Expedited Penalty and Notice of Potential Penalty, Enforcement Tracking No. XP-SE-07-0128, to the Respondent on June 12, 2007, for unauthorized disposal of solid waste at the above mentioned property at or near Light Pole No. 149, in violation of LAC 33:VII.315.A and LAC 33:VII.315.E. Both of the above mentioned properties are in close proximity to one another.

The Respondent submitted to the Department a letter in response to the aforementioned Expedited Penalty dated June 29, 2007, stating that they do not own a property at Light Pole No. 149 on Almonaster Boulevard. Based on the Respondent's claim of not owning a property at Light Pole No. 149 and that this property is in close proximity to the Respondent's property at or near Light Pole No. 153, it has been determined that the two properties were mistaken as both being owned and/or operated by the Sewerage and Water Board of New Orleans. As a result, no further action should be taken by the Department at this time for the referral at Light Pole No. 149.

8/7/07
Name of ES, Date

Approved by:

8.8.07
Name of Supervisor, Date

Approved by:

8/21/07
Name of Manager, Date

Approved by:

8-28-07
Administrator, Date

RECEIVED

MAR 7 2005

SOUTHEAST REGIONAL OFFICE

# STATE OF LOUISIANA
# UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM

Please complete and return within sixty (60) days after UST system closure or change-in-service

LDEQ - UST DIVISION Questions (504) 765-0243
P. O. Box 82178
Baton Rouge, LA 70884-2178

DEQ Facility Number 36-008336
DEQ Owner ID Number 5672

**I. OWNERSHIP OF TANKS**

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.): New Orleans Sewage + Water Bd.
MAILING ADDRESS: 2900 Peoples Ave
CITY: New Orleans STATE: LA. ZIP: 70122
PARISH/COUNTY: Orleans
TELEPHONE (INCLUDE AREA CODE): (504) 942-3851
NAME OF CONTACT PERSON: Rudy August

**II. LOCATION OF TANKS**

IF SAME AS SECTION I, PLEASE CHECK ☑
FACILITY NAME OR COMPANY SITE IDENTIFIER
STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)
CITY STATE ZIP
PARISH
TELEPHONE (INCLUDE AREA CODE) ( )
CONTACT PERSON AT THIS LOCATION

RECEIVED
AUG 15 2007
Underground Storage Tanks Division

**III. TANK INFORMATION (Attach Continuation Sheets If Necessary)**

| DEQ ASSIGNED TANK NUMBERS | PRODUCT LAST STORED IN TANK | SIZE OF TANK (GALLONS) | CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-in-Service[2] 4 = Removed & Replaced[2] | TANK PROPERLY LABELED? CIRCLE | | HIGHEST LEL OR OXYGEN READING[3] LEL[4] | Oxygen | DATE OF CLOSURE OR CHANGE-IN-SERVICE |
|---|---|---|---|---|---|---|---|---|
| 22403 | Diesel | 4000 | 1 | Y | N | | 5% | 1/4/05 |
| 22404 | Diesel | 4000 | 1 | Y | N | | 4% | 1/4/05 |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

| IV. TANK | V. TANK SLUDGES | VI. TANK WATERS/WASHWATERS |
|---|---|---|
| A. Date cleaned 1/4/05 | A. Date disposed/recycled / / | A. Date disposed/recycled 1/4/05 |
| B. Date disposed/recycled 1/12/05 | B. Volume removed N/A cu/yds | B. Volume removed 1200 gals |
| C. Name of disposal site/recycling site ~~[illegible]~~ Southern Scrap | C. Name of disposal site N/A | C. Name of disposal/recycling site NWD |

| VII. CONTAMINATED SOIL (IF APPLICABLE) | | VIII. CONTAMINATED GROUNDWATER (IF APPLICABLE) | |
|---|---|---|---|
| A. Date removed 1/4/05 | D. Date disposed 4/15/05 | A. Date removed / / | D. Date disposed / / |
| B. Volume of soil removed N/A 177.95 TONS cu/yds | | B. Volume of groundwater removed N/A gals | |
| C. Name of disposal site JEFFERSON PAR. LANDFILL | | C. Name of disposal site/recycler | |

**IX. CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

RUDY AUGUST, JR — Rudy August, Jr. — 3/2/05
PRINT OR TYPE OWNER'S NAME — OWNER'S SIGNATURE — DATE

George Jacobsen — [signature] — FRL0105 — 2.24.05
PRINT OR TYPE NAME OF CERTIFIED WORKER — SIGNATURE OF CERTIFIED UST WORKER — CERTIFICATE NO. — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

AI #5672 — LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☑ UST system removed from database; no further action required.
☐ UST system removed from database; additional information required.

Underground Storage Tanks Division
Received 8/15/07
Log # FY08-243
Staff Assigned: Boudreaux
AI #: 5672

Reviewer's Signature [signature] Telephone No. (504) 736-7772 Date 8.9.05

Signature of LDEQ Representative [signature] Date 7.7.05 Supervisor's Initials [initials]

UST-ENF-02 **** INCOMPLETE FORMS MAY BE REJECTED ***** Revised 12/94

UST DIV. MAIN OFFICE FILE

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

KATHLEEN BABINEAUX BLANCO
**GOVERNOR**

MIKE D. McDANIEL, Ph.D.
**SECRETARY**

Gordon Austin
2900 Peoples Ave
New Orleans, LA 70122

RE: Vacating of 40 CFR 63 Subpart DDDDD
**Company/Facility:** Sewerage & Water Board of New Orleans
**AI#:** 5673
**Permit No:** 2140-00128-V0
**TEMPO Activity #:** PER19960001

Dear Sir or Madam:

The purpose of this letter is to inform you of recent developments with regards to the standards located in 40 CFR 63 subpart DDDDD (the federal Boiler MACT) and the revisions to the federal definitions located in 40 CFR 60.2265 (70 Fed. Reg. 55,568). The Louisiana Department of Environmental Quality (the Department) will respond to these developments in the manner described below.

The LDEQ incorporated the federal Boiler MACT by reference in LAC 33:III.5122.A. Subsequently, in the case of *N.R.D.C. v. E.P.A.*, (Nos. 04-1385, 04-1386, 05-1302, 05-1434, 06-1065) the United States Court of Appeals for the District of Columbia vacated the provisions of the federal Boiler MACT and the revision to the federal definition of CISWI.

Since very shortly after the announcement, our staff has been working with EPA Region 6 in an effort to obtain guidance to relay to the regulated community and to help define a path forward in the wake of the decision. However, as the EPA has not yet issued guidance, the Department is following the lead of certain other states by providing regulated entities guidance, based on currently available information.

The Department recognizes the need to address both the state rule and Air Operating Permits that contain conditions that refer to these above mentioned subparts of the federal rules. We are aware of the problems this creates for regulated entities and are working to address these issues.

ENVIRONMENTAL **SERVICES**
: PO BOX 4313, BATON ROUGE, LA 70821-4313
P:225-219-3181 F:225-219-3309
WWW.DEQ.LOUISIANA.GOV

**Moving Forward**

Because the court vacated EPA's rules, the Department has initiated proposed rulemaking repealing the incorporation by reference of the Boiler MACT and the definitions revised in 70 Federal Register 55,568 in order to be consistent with federal regulations. The proposed regulations will also suspend the operation of any term or condition currently existing in a permit that references the Boiler MACT unless the condition was included in lieu of an alternative applicable enforceable condition. Such terms or conditions shall be removed or modified as appropriate in the next modification or renewal of the permit.

In the interim, on September 24, 2007, the Department issued Emergency Rule AQ290E which contains the same provisions as the proposed rule (http://www.deq.louisiana.gov/portal/portals/0/planning/regs/pdf/AQ290E.pdf).

**Case-by-Case MACT**

Sources that were subject to the vacated Boiler MACT may now be subject to case-by-case MACT under Clean Air Act Section 112(g) or 112(j). The EPA is in the process of determining if case-by-case MACT was triggered when the court vacated the Boiler MACT. If case-by-case MACT was triggered, you will be notified in a separate letter. Sources affected by case-by-case MACT will be required to file a permit application in accordance with 40 CFR part 63 subpart B requesting that the State issue a case-by-case MACT determination.

***This letter is advisory in nature and is not intended to trigger any actions under section 112(j) of the Federal Clean Air Act or 40 CFR 63 Subpart B.***

If you have any questions regarding specific permit conditions or require further information, please contact Kermit Wittenburg at (225)219-3100 or Bryan Johnston at (225)219-3118.

Sincerely,

Chuck Carr Brown, Ph.D.
Assistant Secretary

10/1/07
Date

CCB:CSN

# DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY


August 30, 2007

CERTIFIED MAIL (7099 3400 0007 2447 0318)
RETURN RECEIPT REQUESTED

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**
c/o Gordon Austin, Chief of Environmental Affairs
2900 Peoples Avenue, Room 215
New Orleans, Louisiana 70122

**RE: RESCISSION**
**ENFORCEMENT TRACKING NO. XP-SE-07-0128**
**AGENCY INTEREST NO. 150098**

Dear Sir:

Attached is a **RESCISSION OF EXPEDITED PENALTY & NOTICE OF POTENTIAL PENALTY** issued to the **SEWERAGE AND WATER BOARD OF NEW ORLEANS.**

Any questions concerning this action should be directed to Brian Lash at (225) 219-3763.

Sincerely,

Peggy M. Hatch
Administrator
Enforcement Division

PMH/BGL/bgl

Attachment
Alt ID No. N/A


ENVIRONMENTAL **COMPLIANCE**
: PO BOX 4312, BATON ROUGE, LA 70821-4312
P:225-219-3700 F:225-219-3708
WWW.DEQ.LOUISIANA.GOV

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

OFFICE OF ENVIRONMENTAL COMPLIANCE

| | | |
|---|---|---|
| **IN THE MATTER OF** | * | |
| | * | |
| **SEWERAGE & WATER BOARD OF NEW ORLEANS** | * | **ENFORCEMENT TRACKING NO.** |
| **ORLEANS PARISH** | * | |
| **ALT ID NO. N/A** | * | **XP-SE-07-0128** |
| | * | |
| | * | **AGENCY INTEREST NO.** |
| | * | |
| **PROCEEDINGS UNDER THE LOUISIANA ENVIRONMENTAL QUALITY ACT, La. R.S. 30:2021, ET SEQ.** | * | **150098** |
| | * | |
| | * | |

**RESCISSION OF EXPEDITED PENALTY & NOTICE OF POTENTIAL PENALTY**

On June 12, 2007, an **EXPEDITED PENALTY & NOTICE OF POTENTIAL PENALTY** was issued to **SEWERAGE AND WATER BOARD OF NEW ORLEANS (RESPONDENT)** by the Louisiana Department of Environmental Quality (the Department) under authority granted by the Louisiana Environmental Quality Act (the Act), La. R.S. 30:2001, et seq., and particularly by La. R.S. 30:2025 (E) and 2050.3.

I.

The Department hereby rescinds **EXPEDITED PENALTY & NOTICE OF POTENTIAL PENALTY, ENFORCEMENT TRACKING NO. XP-SE-07-0128** in its entirety.

II.

Nevertheless, the Department reserves the right to seek civil penalties for future violations of the Act whether revealed by inspection or information submitted by the Respondent in any manner allowed by law, and nothing herein shall be construed to preclude the right to seek such penalties.

III.

This **RESCISSION OF EXPEDITED PENALTY & NOTICE OF POTENTIAL PENALTY, ENFORCEMENT TRACKING NO. XP-SE-07-0128** is effective upon receipt.

Baton Rouge, Louisiana on this 30 day of August 2007.

Harold Leggett, Ph.D.
Assistant Secretary
Office of Environmental Compliance

HL/BGL/bgl

**THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**
POST OFFICE BOX 4312
BATON ROUGE, LOUISIANA 70821-4312

**EXPEDITED PENALTY AGREEMENT FORM**

## PART I: CITED VIOLATION(S)

| | |
|---|---|
| ENFORCEMENT TRACKING NO. | XP-SE-07-0128 |
| AGENCY INTEREST NO. | 150098 |
| ALTERNATE ID NO. | N/A |

**AT: Sewerage and Water Board of New Orleans**

Almonaster Ave.
New Orleans, LA **PARISH:**
70128 Orleans

*FACILITY NAME/ PHYSICAL ADDRESS*

**RESPONDENT: Sewerage and Water Board of New Orleans**
2900 Peoples Ave., Room 215
New Orleans, LA 70122

*RESPONDENT/MAILING ADDRESS*

An authorized representative of the Louisiana Department of Environmental Quality (DEQ) inspected the abovementioned facility or conducted a file review of the facility to determine compliance with regulations promulgated under the Louisiana Administrative Code, Title 33 requirements. Listed below are the State regulatory citations and the proposed penalty amounts for the violation(s) identified during the inspection and/or file review.

| Date/Citation | Description | Penalty |
|---|---|---|
| April 11, 2007<br>LAC 33:VII.315.A<br>LAC 33:VII.315.E | Unauthorized disposal of solid waste by an owner, lessee, or other person having any actual right, title, or interest in the property, in violation of LAC 33:VII.315.A and LAC 33:VII.315.E. | $1,000.00 |
| TOTAL EXPEDITED PENALTY AMOUNT: | | $1,000.00 |

## PART II: INITIAL APPROVAL BY DEQ

This Expedited Penalty Agreement is not an adjudicatory proceeding under La. R.S. 30:2050.4 and, if accepted, may not be appealed. However, Respondent may reject this agreement and retain the right to a hearing on any penalty that the Department may assess. If the Expedited Penalty Agreement is not returned in correct form by the owner or operator within 30 days of the date on the certified mail receipt attached to this document, this Expedited Penalty Agreement may be withdrawn without prejudice to the DEQ's ability to file additional enforcement actions for these violations or any others.

Date: 6-12-07

Harold Leggett, Ph.D.
Assistant Secretary
Louisiana Department of Environmental Quality
Office of Environmental Compliance

## PART III: PENALTY AGREEMENT

The Louisiana Department of Environmental Quality (DEQ) offers this Expedited Penalty Agreement in order to quickly settle the violation(s) cited in Part I of this document subject to the following terms and conditions:

By signing below, the Respondent certifies, under civil and criminal penalties, that the violation(s) cited in Part I of this document has been corrected. The Respondent has enclosed a check for :

**$1,000.00** .

This payment represents the full penalty amount, as assessed in Part I of this document.

If the Respondent has corrected the violation(s) listed in Part I of this document in a timely manner, DEQ will take no further action against the Respondent. DEQ does not waive any enforcement action taken by the United States Environmental Protection Agency, any local agency, or any Indian tribe, for any other past, present, or future violations of the Louisiana Administrative Code, Title 33 requirements or any other violations under any statute not described in Part I of this document.

Upon final DEQ approval of this Expedited Penalty Agreement, the Respondent waives the opportunity for an adjudicatory hearing pursuant to La. R.S. 30:2050.4. Respondent may reject this agreement and retain the right to a hearing on any penalty that the Department may assess.

This Expedited Penalty Agreement is binding on the DEQ and the Respondent. By signing below, the Respondent waives any objection to DEQ's jurisdiction with respect to this Expedited Penalty Agreement, and consents to the DEQ's final approval without further notice. This Expedited Penalty Agreement is effective upon DEQ's final approval below. Upon final approval, the DEQ shall mail a copy of the approved Expedited Penalty Agreement to the Respondent.

Pursuant to LAC 33:I.805.B, the Assistant Secretary of the Office of Environmental Compliance, at his sole discretion, can propose this Expedited Penalty Agreement.

## PART IV: RESPONDENT'S SIGNATURE

I certify under penalty of law that the violations cited in Part I of this document, and any damages caused by these violations, have been corrected. I am aware that there are significant penalties, including the possibility of fine and imprisonment, for knowingly submitting false information.

**RESPONDENT:** _____

**REPRESENTATIVE:** _____

**TITLE:** _____

**SIGNATURE (X)** _____

**DATE:** _____

## PART V: FINAL APPROVAL BY DEQ

This Expedited Penalty Agreement is not considered a final action until the Assistant Secretary of the Office of Environmental Compliance has given final approval by signing and dating below:

_____

Harold Leggett, Ph.D.
Assistant Secretary
Louisiana Department of Environmental Quality
Office of Environmental Compliance

**DATE:** _____

1. **AI#s:** 71569 INS20060002

2. **If No AI#, Alternate ID#s:**

| **LDEQ 214 UNIT LOG** | 3. Incident Name<br>**Hurricane Katrina** | 4. Date of Investigation/Assessment<br>10/13/2005 | 5. Incident #'s (If Applicable)<br>**T-** |
|---|---|---|---|
| 6. Unit Name/Designators<br>Team 4 - Recon - Orleans Paris | 7. **LDEQ** Unit Leader (Name and Position)<br>Charlie Andrews - Team leader | | 8. Media (water, air, UST, radiation, multimedia, etc.)<br>Multimedia |

9. Personnel Roster Assigned

| Name | Title | Home Base |
|---|---|---|
| Andy Messina | LADEQ | |
| Danny Hockett | EPA START | |
| John Camero | EPA | |
| | | |
| | | |

10. Activity Log

| Time | Major Events |
|---|---|
| 1125 | Tier II Assessment - Site in good condition |
| | |
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| | |

11. Prepared by (Name and Position)

Andy Messina

Owner Operator Name:

Facility Name: Sewerage- Drain Pump

Facility Address, City, Parish: 5741 Orleans Ave, New Orleans, Orleans

AI#: ~~8770~~ 71569

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   No

3. What is the status of electricity? Grid/Generator?

   Running on generator

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   Yes, 2-4 ft.

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   Flood damage; minor debris seen

7. Did the equipment/tanks/etc. overflow?

   —

8. GPS Readings

   LAT: 29.999655 N LONG: -90.098901 W

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Andy Messina 10/13/05
Date

Inspector(s): Charlie Andrews 10/13/05
Date

Inspector(s): _____
Date

EDMS
Brian Losh

"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

# Sewerage & Water Board OF NEW ORLEANS

C. RAY NAGIN, President
TOMMIE A. VASSEL, President Pro-Tem

625 ST. JOSEPH STREET
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52W-ATER
www.swbnola.org

June 29, 2007

Louisiana Department Of Environmental Quality
Office of Compliance
602 N. Fifth Street
Baton Rouge, LA 70802
Attn: Ms. Peggy Hatch

**Re: Enforcement Tracking NO. XP-SE-07-0128**
**Agency Interest NO. 150098**

Dear Ms. Hatch:

The Sewerage and Water Board of New Orleans would like to make the following comments regarding the referenced enforcement notice:

The Sewerage and Water Board of New Orleans does not own property at Light Pole 149 on Almonaster Boulevard. The S&WB does have a locked access gate near Light Pole 153 that secures a road leading to our Grant Street Drainage Pumping Station on the Intracoastal Canal. We have a right of way for the road and own the property around the pumping station.

The S&WB does not use this area for disposal of solid waste.

There is an adjacent property owner who can access this area through the locked gate. I don't know specifically who this is but he owns the auto salvage facility directly across Almonaster from our locked gate. I am told he may use the site in question for auto disposal.

I am available to answer any questions or to provide additional information. Please contact me via cell phone at 504-858-7305.

Yours very truly,

for

Gordon C. Austin
Chief, Environmental Affairs
Sewerage and Water Board of New Orleans

RECEIVED
JUL 10 2007
OFFICE OF
ENVIRONMENTAL COMPLIANCE
ENFORCEMENT DIVISION

Cc: Marcia St. Martin, Executive Director
Harold Leggett, LDEQ
Linda Paisant, S&WB

Members of the Board: BENJAMIN L. EDWARDS, SR. • SIDNEY H. EVANS, JR. • ARNIE FIELKOW • NORMA E. GRACE • BARBARA LAMONT • ALEX I. LEWIS, III
C. RAY NAGIN • PENELOPE RANDOLPH • FLORENCE W. SCHORNSTEIN • GARY N. SOLOMON • OLIVER M. THOMAS, JR • TOMMIE A. VASSEL • CYNTHIA WILLARD-LEWIS
"An Equal Opportunity Employer"

1. **AI#s:** 113277 INS20060001

2. **If No AI#, Alternate ID#s:**

| **LDEQ 214 UNIT LOG** | 3. Incident Name<br>**Hurricane Katrina** | 4. Date of Investigation/Assessment<br>10/13/2005 | 5. Incident #'s (If Applicable)<br>**T-** |
|---|---|---|---|
| 6. Unit Name/Designators<br>Team 4 - Recon - Orleans Paris | 7. **LDEQ** Unit Leader (Name and Position)<br>Charlie Andrews - Team leader | | 8. Media (water, air, UST, radiation, multimedia, etc.)<br>Multimedia |

9. Personnel Roster Assigned

| Name | Title | Home Base |
|---|---|---|
| Andy Messina | LADEQ | |
| Danny Hockett | EPA START | |
| John Camero | EPA | |
| | | |
| | | |

10. Activity Log

| Time | Major Events |
|---|---|
| 1205 | Tier II Assessment - No backup generators onsite; site in good condition. |

11. Prepared by (Name and Position)

Andy Messina

Owner Operator Name:

Facility Name: S&WB of New Orleans- DPS #1

Facility Address, City, Parish: 2501 S Broad Street, New Orleans, Orleans

AI#: ~~5475~~ 113277

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   No, Not much damage to site

3. What is the status of electricity? Grid/Generator?

   No, Running on generator

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   minimal ; site is built high up

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   minimal debris damage

7. Did the equipment/tanks/etc. overflow?

   No

8. GPS Readings

   LAT: 29.95163 N LONG: -90.09933 W

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Andy Messina 10/13/05
Date

Inspector(s): Charlie Andrews 10/13/05
Date

Inspector(s): _____
Date

# STATE OF LOUISIANA
# DEPARTMENT OF ENVIRONMENTAL QUALITY

## CERTIFICATE OF UNDERGROUND STORAGE TANK REGISTRATION

**Expires June 30, 2008**

**FY 2008**

Certificate No. REG20020001

**Act 336 of the 1995 Regular Session of the Legislature amended the Louisiana Revised Statutes, Section 30:2194.1 to read:** "On or after January 1, 1996, no person shall place or dispense a regulated substance into an underground storage tank that has not been registered with the Louisiana Department of Environmental Quality."

This certificate shall serve as proof of registration for the owner, facility, and number of underground storage tanks as specified below:

| FACILITY INFORMATION | NO. OF TANKS | OWNER INFORMATION |
|---|---|---|
| Agency Interest No. 98003 | 2 | Owner Identification No. 17474 |
| Sewerage & Water Board of New Orleans<br>4801 Harbor Rd<br>New Orleans LA 70118 | | Sewerage & Water Board of New Orleans<br>625 St. Joseph St. Room #331<br>New Orleans LA 70165 |

**THIS CERTIFICATE DOES NOT CERTIFY COMPLIANCE WITH THE 1998 UST UPGRADE REQUIREMENTS**

**Environmental Scientist Manager**
**Solid & Hazardous Waste Permits Section**

**THIS CERTIFICATE SHALL BE PROMINENTLY DISPLAYED AT THE SPECIFIED FACILITY.**

Any deviation from the information provided on this certificate, including the number of tanks, shall make this certificate null and void.

# STATE OF LOUISIANA
# DEPARTMENT OF ENVIRONMENTAL QUALITY

## CERTIFICATE OF UNDERGROUND STORAGE TANK REGISTRATION

**FY 2008**

**Expires June 30, 2008**

Certificate No. REG20030001

**Act 336 of the 1995 Regular Session of the Legislature amended the Louisiana Revised Statutes, Section 30:2194.1 to read:** "On or after January 1, 1996, no person shall place or dispense a regulated substance into an underground storage tank that has not been registered with the Louisiana Department of Environmental Quality."

This certificate shall serve as proof of registration for the owner, facility, and number of underground storage tanks as specified below:

| FACILITY INFORMATION | NO. OF TANKS | OWNER INFORMATION |
|---|---|---|
| Agency Interest No. 68978 | 1 | Owner Identification No. 17474 |
| Sewerage & Water Board of New Orleans<br>2929 Eads St | | Sewerage & Water Board of New Orleans<br>625 St. Joseph St. Room #331 |
| New Orleans LA 701125874 | | New Orleans LA 70165 |

**THIS CERTIFICATE DOES NOT CERTIFY COMPLIANCE WITH THE 1998 UST UPGRADE REQUIREMENTS**

**Environmental Scientist Manager**
**Solid & Hazardous Waste Permits Section**

**THIS CERTIFICATE SHALL BE PROMINENTLY DISPLAYED AT THE SPECIFIED FACILITY.**

Any deviation from the information provided on this certificate, including the number of tanks, shall make this certificate null and void.

# STATE OF LOUISIANA
# DEPARTMENT OF ENVIRONMENTAL QUALITY

## CERTIFICATE OF UNDERGROUND STORAGE TANK REGISTRATION

**Expires June 30, 2008**

FY 2008

Certificate No. REG19860001

**Act 336 of the 1995 Regular Session of the Legislature amended the Louisiana Revised Statutes, Section 30:2194.1 to read:** "On or after January 1, 1996, no person shall place or dispense a regulated substance into an underground storage tank that has not been registered with the Louisiana Department of Environmental Quality."

This certificate shall serve as proof of registration for the owner, facility, and number of underground storage tanks as specified below:

| FACILITY INFORMATION | NO. OF TANKS | OWNER INFORMATION |
|---|---|---|
| Agency Interest No. 5001 | 1 | Owner Identification No. 17474 |
| Sewerage & Water Board of New Orleans - Carrollton Water Plant<br>8800 S Claiborne Ave<br>New Orleans LA 70118 | | Sewerage & Water Board of New Orleans<br>625 St. Joseph St. Room #331<br>New Orleans LA 70165 |

**THIS CERTIFICATE DOES NOT CERTIFY COMPLIANCE WITH THE 1998 UST UPGRADE REQUIREMENTS**

Mia P. Townsel

**Environmental Scientist Manager**
**Solid & Hazardous Waste Permits Section**

**THIS CERTIFICATE SHALL BE PROMINENTLY DISPLAYED AT THE SPECIFIED FACILITY.**

Any deviation from the information provided on this certificate, including the number of tanks, shall make this certificate null and void.

# STATE OF LOUISIANA
# DEPARTMENT OF ENVIRONMENTAL QUALITY

## CERTIFICATE OF UNDERGROUND STORAGE TANK REGISTRATION

**FY 2008**

**Expires June 30, 2008**

Certificate No. REGI9860001

**Act 336 of the 1995 Regular Session of the Legislature amended the Louisiana Revised Statutes, Section 30:2194.1 to read:** "On or after January 1, 1996, no person shall place or dispense a regulated substance into an underground storage tank that has not been registered with the Louisiana Department of Environmental Quality."

This certificate shall serve as proof of registration for the owner, facility, and number of underground storage tanks as specified below:

| FACILITY INFORMATION | NO. OF TANKS | OWNER INFORMATION |
|---|---|---|
| Agency Interest No. 5673 | 1 | Owner Identification No. 17474 |
| Sewerage & Water Board of New Orleans<br>8801 Spruce St<br>New Orleans LA 701180000 | | Sewerage & Water Board of New Orleans<br>625 St. Joseph St. Room #331<br>New Orleans LA 70165 |

**THIS CERTIFICATE DOES NOT CERTIFY COMPLIANCE WITH THE 1998 UST UPGRADE REQUIREMENTS**

**Environmental Scientist Manager**
**Solid & Hazardous Waste Permits Section**

**THIS CERTIFICATE SHALL BE PROMINENTLY DISPLAYED AT THE SPECIFIED FACILITY.**

Any deviation from the information provided on this certificate, including the number of tanks, shall make this certificate null and void.

# STATE OF LOUISIANA
# DEPARTMENT OF ENVIRONMENTAL QUALITY

## CERTIFICATE OF UNDERGROUND STORAGE TANK REGISTRATION

**FY 2008**

**Expires June 30, 2008**

Certificate No. REG19860001

**Act 336 of the 1995 Regular Session of the Legislature amended the Louisiana Revised Statutes, Section 30:2194.1 to read:** "On or after January 1, 1996, no person shall place or dispense a regulated substance into an underground storage tank that has not been registered with the Louisiana Department of Environmental Quality."

This certificate shall serve as proof of registration for the owner, facility, and number of underground storage tanks as specified below:

| FACILITY INFORMATION | NO. OF TANKS | OWNER INFORMATION |
|---|---|---|
| Agency Interest No. 5672 | 4 | Owner Identification No. 5672 |
| Sewerage & Water Board of New Orleans<br>2900 Peoples Ave | | Sewerage & Water Board of New Orleans<br>2900 Peoples Ave |
| New Orleans LA 70122 | | New Orleans LA 70122 |

**THIS CERTIFICATE DOES NOT CERTIFY COMPLIANCE WITH THE 1998 UST UPGRADE REQUIREMENTS**

Mia R. Townsend

**Environmental Scientist Manager**
**Solid & Hazardous Waste Permits Section**

**THIS CERTIFICATE SHALL BE PROMINENTLY DISPLAYED AT THE SPECIFIED FACILITY.**

Any deviation from the information provided on this certificate, including the number of tanks, shall make this certificate null and void.

# DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
**GOVERNOR**

MIKE D. McDANIEL, Ph.D.
**SECRETARY**

June 12, 2007

**CERTIFIED MAIL (7003 2260 0000 5825 0600)**
***RETURN RECEIPT REQUESTED***

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**
2900 Peoples Avenue, Room 215
New Orleans, LA 70122

**RE: EXPEDITED PENALTY AGREEMENT**
**& NOTICE OF POTENTIAL PENALTY**
**ENFORCEMENT TRACKING NO. XP-SE-07-0128**
**AGENCY INTEREST NO. 150098**

Dear Sir(s):

On or about April 11, 2007, the Louisiana Department of Environmental Quality (the Department) inspected your facility, located at or near Light Pole No. 149 on Almonaster Boulevard, New Orleans, Orleans Parish, Louisiana, and/or reviewed records relating to your facility, and discovered a violation of the Environmental Quality Act and the Department's regulations. The Department has authority under state law to assess fines for violations of state environmental regulations. The Department offers the attached Expedited Penalty Agreement in order to quickly settle the violation(s) cited in the attached form. Participation in the Department's Expedited Penalty Agreement Program is strictly voluntary, and without making any admission of liability under state or federal statute or regulations, you can settle this matter by satisfying all of the conditions listed on the attached **EXPEDITED PENALTY AGREEMENT.** If you choose to accept the Expedited Penalty Agreement, you will not be able to appeal the fine.

If you choose not to accept the attached Expedited Penalty Agreement, the Department will consider whether to assess a fine using a method that will probably result in a larger fine than the one available through the Expedited Penalty Agreement. However, you would be able to appeal such a fine.

## EXPEDITED PENALTY AGREEMENT

The attached Expedited Penalty Agreement Form lists the violation(s) noted during the Department's inspection/file review and the penalty settlement amount for these violation(s). If you wish to address the cited violation(s) by participating in the Department's Expedited Penalty Agreement Program, you must:

1) Correct all of the violation(s) listed, and any damages caused by these violations, within thirty (30) days after receipt of this document.
2) Submit a check, made payable to: The Department of Environmental Quality, in full payment of the penalty settlement amount to the Department's Office of Management and Finance at the following address within thirty (30) days after receipt of this document.

**The Department of Environmental Quality**
**Office of Management and Finance**
**P. O. Box 4303**
**Baton Rouge, Louisiana 70821-4303**

ENVIRONMENTAL **COMPLIANCE**
: PO BOX 4312, BATON ROUGE, LA 70821-4312
P:225-219-3700 F:225-219-3708
WWW.DEQ.LOUISIANA.GOV

**Attn: Darryl Serio, Fiscal Officer**
**Re: Enforcement Tracking No. XP-SE-07-0128**
**Agency Interest No.:150098**

*The Enforcement Tracking Number listed in Part I of the attached Expedited Penalty Agreement Form must be written on the check.*

3) Submit ***a signed copy*** of the attached Expedited Penalty Agreement Form to the Department's Office of Management and Finance at the abovementioned address within thirty (30) days after receipt of this document.
4) Submit ***a copy*** of the check to the Department's Enforcement Division at the following address within thirty (30) days after receipt of this document.

**The Department of Environmental Quality**
**Office of Environmental Compliance**
**Enforcement Division**
**P.O. Box 4312**
**Baton Rouge, LA 70821-4312**

**Attn: Lourdes Iturralde**
**Re: Enforcement Tracking No.: XP-SE-07-0128**
**Agency Interest No.: 150098**

5) Submit the signed ***original*** Expedited Penalty Agreement Form to the Department's Enforcement Division at the abovementioned address within thirty (30) days after receipt of this document.

If you accept the abovementioned terms of the **EXPEDITED PENALTY AGREEMENT**, you are hereby notified:

1) If you fail to comply with any of the items ordered above, the Expedited Penalty Agreement may be automatically withdrawn, without prejudice to the Department's ability to file additional enforcement actions for the cited violation(s) or any other violation(s).
2) The Expedited Penalty Agreement is binding on you and the Department upon the Assistant Secretary's final approval. A copy of the Expedited Penalty Agreement will be returned to you once the Assistant Secretary has given final approval and signed the Expedited Penalty Agreement for the second, and final time.
3) This **EXPEDITED PENALTY AGREEMENT** is not an adjudicatory proceeding. Once you have satisfied the conditions of the **EXPEDITED PENALTY AGREEMENT** and the Assistant Secretary gives final approval, the **EXPEDITED PENALTY AGREEMENT** will be considered a final action of the Department. The Department will take no further action against you for the violation(s) cited, and agreed upon, in the **EXPEDITED PENALTY AGREEMENT** once the action becomes final.
4) The Department will not accept or approve any **EXPEDITED PENALTY AGREEMENT** returned more than thirty (30) days after receipt of the document unless the Assistant Secretary of the Office of Environmental Compliance determines that compliance with the cited violation(s) is technically infeasible or impracticable within the initial 30-day period for compliance.
5) The total amount of money expended by you on this cash payment to the Department shall be considered a civil penalty for tax purposes, as required by La. R.S. 30:2050.7(E)(1).

## NOTICE OF POTENTIAL PENALTY

**If you do not wish to participate in the Department's Expedited Penalty Agreement Program, or fail to satisfy any of the conditions listed above, then you are hereby notified that:**

1) Pursuant to La. R.S. 30:2050.3(B), the Department will consider issuance of a formal penalty assessment for the violation(s) listed in the attached Expedited Penalty Agreement Form. You may submit written comments regarding the violation(s) and the contemplated penalty. If you elect to submit comments, you must submit the comments within thirty (30) days after receipt of this notice. Any comments should be submitted to the Office of Environmental Compliance at the abovementioned address.
2) Your lack of participation in the Department's Expedited Penalty Agreement Program or failure to satisfy all of the conditions listed under the Expedited Penalty Agreement portion of this document does not relieve you of the responsibility to comply fully with the regulations, including correcting the violation(s) cited in the attached Expedited Penalty Agreement Form and any damages cause by these violation(s).
3) The Department will interpret any response to the cited violation(s), other than satisfying all of the conditions listed above, as an indication that you do not wish to pursue the expedited penalty agreement process.
4) The Department is required by La. R.S. 30:2025(E)(3)(a) to consider the gross revenues of the Respondent and the monetary benefits of noncompliance in order to determine the amount of a formal penalty assessment. If you do not wish to participate in the Department's Expedited Penalty Agreement process, please forward your most current annual gross revenue statement along with a statement of the monetary benefits of noncompliance for the cited violation(s) to the Office of Environmental Compliance within thirty (30) days after receipt of this **NOTICE OF POTENTIAL PENALTY**. Included with your statement of monetary benefits, please submit the method(s) you utilized to arrive at the sum. If you assert that no monetary benefits have been gained, you are to fully justify this statement.
5) The penalty amount listed in the Expedited Penalty Agreement Form is solely for those who choose to participate in the Department's Expedited Penalty Agreement process and satisfy all the conditions listed under the **EXPEDITED PENALTY AGREEMENT** portion of this document. The Department will pursue a formal penalty assessment, to the maximum extent allowed by law, for those who do not participate in the Department's Expedited Penalty process and/or fail to satisfy all of the conditions listed in the abovementioned **EXPEDITED PENALTY AGREEMENT**.

If you have any questions concerning this action, please contact Lourdes Iturralde at (225) 219-3713.

Sincerely,

Peggy M. Hatch

Peggy M. Hatch
Administrator
Enforcement Division

PMH/LI/li
Alt ID No. N/A
Attachment

c: Blaise Guzzardo, Regional Manager
Southeast Regional Office

**THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**
POST OFFICE BOX 4312
BATON ROUGE, LOUISIANA 70821-4312

# EXPEDITED PENALTY AGREEMENT FORM

## PART I: CITED VIOLATION(S)

| | |
|---|---|
| **ENFORCEMENT TRACKING NO.** | XP-SE-07-0128 |
| **AGENCY INTEREST NO.** | 150098 |
| **ALTERNATE ID NO.** | N/A |

**AT: Sewerage and Water Board of New Orleans**

Almonaster Ave.
New Orleans, LA **PARISH:**
70128 Orleans

*FACILITY NAME/ PHYSICAL ADDRESS*

**RESPONDENT: Sewerage and Water Board of New Orleans**
2900 Peoples Ave., Room 215
New Orleans, LA 70122

*RESPONDENT/MAILING ADDRESS*

An authorized representative of the Louisiana Department of Environmental Quality (DEQ) inspected the abovementioned facility or conducted a file review of the facility to determine compliance with regulations promulgated under the Louisiana Administrative Code, Title 33 requirements. Listed below are the State regulatory citations and the proposed penalty amounts for the violation(s) identified during the inspection and/or file review.

| Date/Citation | Description | Penalty |
|---|---|---|
| April 11, 2007<br>LAC 33:VII.315.A<br>LAC 33:VII.315.E | Unauthorized disposal of solid waste by an owner, lessee, or other person having an actual right, title, or interest in the property, in violation of LAC 33:VII.315.A and LAC 33:VII.315.E. | $1,000.00 |
| **TOTAL EXPEDITED PENALTY AMOUNT:** | | **$1,000.00** |

## PART II: INITIAL APPROVAL BY DEQ

This Expedited Penalty Agreement is not an adjudicatory proceeding under La. R.S. 30:2050.4 and, if accepted, may not be appealed. However, Respondent may reject this agreement and retain the right to a hearing on any penalty that the Department may assess. If the Expedited Penalty Agreement is not returned in correct form by the owner or operator within 30 days of the date on the certified mail receipt attached to this document, this Expedited Penalty Agreement may be withdrawn without prejudice to the DEQ's ability to file additional enforcement actions for these violation(s) or any others.

Date: 6-12-07

Harold Leggett, Ph.D.
Assistant Secretary
Louisiana Department of Environmental Quality
Office of Environmental Compliance

## PART III: PENALTY AGREEMENT

The Louisiana Department of Environmental Quality (DEQ) offers this Expedited Penalty Agreement in order to quickly settle the violation(s) cited in Part I of this document subject to the following terms and conditions:

By signing below, the Respondent certifies, under civil and criminal penalties, that the violation(s) cited in Part I of this document has been corrected. The Respondent has enclosed a check for :

**$1,000.00** .

This payment represents the full penalty amount, as assessed in Part I of this document.

If the Respondent has corrected the violation(s) listed in Part I of this document in a timely manner, DEQ will take no further action against the Respondent. DEQ does not waive any enforcement action taken by the United States Environmental Protection Agency, any local agency, or any Indian tribe, for any other past, present, or future violations of the Louisiana Administrative Code, Title 33 requirements or any other violations under any statute not described in Part I of this document.

Upon final DEQ approval of this Expedited Penalty Agreement, the Respondent waives the opportunity for an adjudicatory hearing pursuant to La. R.S. 30:2050.4. Respondent may reject this agreement and retain the right to a hearing on any penalty that the Department may assess.

This Expedited Penalty Agreement is binding on the DEQ and the Respondent. By signing below, the Respondent waives any objection to DEQ's jurisdiction with respect to this Expedited Penalty Agreement, and consents to the DEQ's final approval without further notice. This Expedited Penalty Agreement is effective upon DEQ's final approval below. Upon final approval, the DEQ shall mail a copy of the approved Expedited Penalty Agreement to the Respondent.

Pursuant to LAC 33:I.805.B, the Assistant Secretary of the Office of Environmental Compliance, at his sole discretion, can propose this Expedited Penalty Agreement.

## PART IV: RESPONDENT'S SIGNATURE

I certify under penalty of law that the violations cited in Part I of this document, and any damages caused by these violations, have been corrected. I am aware that there are significant penalties, including the possibility of fine and imprisonment, for knowingly submitting false information.

**RESPONDENT:** _____

**REPRESENTATIVE:** _____

**TITLE:** _____

**SIGNATURE (X)** _____

**DATE:** _____

## PART V: FINAL APPROVAL BY DEQ

This Expedited Penalty Agreement is not considered a final action until the Assistant Secretary of the Office of Environmental Compliance has given final approval by signing and dating below:

_____

Harold Leggett, Ph.D.
Assistant Secretary
Louisiana Department of Environmental Quality
Office of Environmental Compliance

**DATE:** _____

rcvd 5/22/07

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
# REFERRAL FORM

☐ **Conveyance Notice Only**

**TO:** **Division Receiving Referral** Enforcement Division

**FROM:** **Referring Division** Surveillance Division

**Referral Date:** 5/21/2007

## Facility Information

**Company Name:** New Orleans Sewerage & Water Board

**Facility Site Name:** Same as above

| | |
|---|---|
| **Agency Interest No:** 150097 | **Alt. AI No:** |
| **Mailing Address:** | **Physical Address:** New Orleans Sewerage & Water Board |
| **Street:** | **Street** *Intersection of Grant St & Almonaster Ave* |
| **City, State, Zip:** | **City, Parish** New Orleans, Orleans Parish |

**Responsible Party/Contact Person:**

**Responsible Party/Contact Person Telephone No:**

## Inspection/Referral Information

**Inspection Date:** 4/11/2007

**Media:** Check all that apply

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Air (inc. asbestos/lead): | ☐ | Water: | ☐ | Haz. Waste: | ☐ | Risk MPs: | ☐ | Remediation: | ☐ |
| Solid Waste (inc. tires): | ☒ | UST: | ☐ | Radiation: | ☐ | Stage 1 & 2: | ☐ | | |

| | | |
|---|---|---|
| **Complaint?** ☐ Yes ☐ No | **Follow up?** ☐ Yes ☐ No | *If yes* |
| | | *Enforcement Action Number* |

**Inspector/Team Leader Name:** Larry Baldwin

**Inspector/Team Leader Contact No.:** 337-362-5439

| | | | |
|---|---|---|---|
| **Approved By:** | Phyllis Luke pal | **Date:** | 5/21/07 |
| **Circuit Rider Review:** | | **Date** | |

## Basis for Referral (check all that apply)

| | | |
|---|---|---|
| **Areas of Concern:** ☒ | **Contamination Above RECAP:** ☐ | **TEMPO Task ID NO:** |

**Other:** ☐ Please explain:

Revised 10/11/06

| **Additional Information:** *This section should state the specific reason for the referral, actions that have been taken by the referring division and supporting documentation. This section should also provide sufficient discussion and/or documentation for the Division receiving the referral to take action including documentation of events leading to the referral and company contact information.* |
| --- |
| Unauthorized dumping of solid waste; greater than 20 waste tire;<br><br>Tempo entry INS20070001 |

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 150097 INSPECTION DATE: 4/11/07 TIME OF ARRIVAL: 12:40 pm

ALTERNATE ID#: _____ (ID Type/Number) DEPARTURE DATE: 4/11/07 TIME OF DEPARTURE: 1:30 pm

FACILITY NAME: _____ PH #: _____

LOCATION: Sewerage & Water Board of New Orleans Intersection of Grant & Almonaster New Orleans, LA PARISH NAME: Orleans

RECEIVING STREAM (BASIN/SUBSEGMENT): _____

MAILING ADDRESS: _____
(Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: _____ TITLE: _____

FACILITY REPRESENTATIVE PHONE NUMBER: _____

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR (WASTE) WATER OTHER _____

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

location at Light Pole #153 on Almonaster Blvd., Locked gate & sign.
Inspectors: Larry Baldwin (Team leader), steve Aquillard, chris Simms, suzanne Gardner, Nick Freeman (start).
C&D waste piles along drive, 16 junk cars, 50 waste tires, household trash
(8 or 9 loads of mixed C&D and rubble is the estimated quantity)
no one present

AREAS OF CONCERN:

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| LAC 33:VII.315 A+E | unauthorized Disposal of Solid Waste | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☑ YES ☐ NO SAMPLES TAKEN: ☐ YES ☑ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: _____

PRINT NAME: _____
(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Larry Baldwin CROSS REFERENCE: _____
Chris Simms, report writer ATTACHMENTS: _____

REVIEWER: Stan Aquillard Phyllis Luke

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# UNAUTHORIZED/PROMISCUOUS DUMPING CHECKLIST

**INSTRUCTIONS**: All questions are to be answered. The answer is either yes, no, or not applicable. Use the FIF to further explain **any areas of non-compliance** noted during the inspection.

Light Pole # 163

| | | | |
|---|---|---|---|
| **AI #:** | 150097 | **FID(s) #:** | N30.01117 W89.94987 |
| **AI NAME:** | Sewerage & Water Board of NO | **INSPECTION DATE(S):** | 4/11/07 |

| | | | | |
|---|---|---|---|---|
| **Physical Location** | Almonaster & Grant Intersection | | | |
| | New Orleans (City) | LA (State) | **Parish:** | Orleans |
| **Mailing Address:** | | | | |
| | (Address) | (City) | (State) | (Zip) |

| | |
|---|---|
| **Facility Representative/Title:** | |
| **Facility Representative Telephone No:** | 504-942-2960 |
| **Lead Inspector:** | |
| **Other Inspector(s):** | |

## Property Owner Information

| | | | | |
|---|---|---|---|---|
| **Property Owner Name:** | Sewage & Water Board of New Orleans | | | |
| **Property Owner Mailing Address** | | | | |
| | (Address) | (City) | (State) | (Zip) |

| | |
|---|---|
| **Property Owner Contact Number:** | |

**Please provide a copy of Conveyance or Mortgage Record or Tax Assessment Report if necessary to determine owner ship of property.

| | |
|---|---|
| **List All Businesses at the Site:** | |

## SITE ACCESS:

1. Does the facility have any signs present? ☑ Yes ☐ No ☐ N/A

   If yes, does the sign contain any of the following information: (circle appropriate answer(s))

   (a) Business Name  b) Business Address  (c) Business Phone Number

   d) Hours of Operations  e) Other Information:

2. Is the site accessible by any of the following:

a) driveway (b) gate (locked or unlocked) c) crossing ditch

d) trespassing on adjacent property owner's property

e) Other, please explain:

## SITE ACTIVITY

1. Was there evidence of solid waste disposal at the facility? ☑ Yes ☐ No ☐ N/A

Circle Type(s) of Waste being disposed: (a) Construction/Demolition SW (concrete)

b) Household Waste c) Commercial/Industrial SW (d) Waste Tires >50

e) Batteries f) White Goods g) Other - Please list:

~~15~~ 16 salvaged cars (no fluids)

**(ON FIF-Describe amounts/examples, if possible, of the types of waste onsite.)**

2. If active disposal is occurring, what is the date and time of the occurrence?

Date: Time:

3. Was there equipment present which may have been used during the disposal process? ☐ Yes ☑ No ☐ N/A

Please describe the types of equipment (take photos)?

4. **Describe on FIF any activities occurring on property.**

5. Was personnel present on-site during inspection or active disposal of SW? ☐ Yes ☑ No ☐ N/A

6. **Describe on FIF proximity of any water bodies, wetlands in the area.**

7. Is SW standing in water or potential wetlands ☐ Yes ☑ No ☐ N/A

8. Are there any vector concerns at site? ☐ Yes ☑ No ☐ N/A

## TRANSPORTER INFORMATION

| | | | | |
|---|---|---|---|---|
| Transporter Name: | | | | |
| Transporter Mailing Address | | | | |
| | (Address) | (City) | (State) | (Zip) |
| Transporter Contact Number: | | | | |
| Truck License Plate State: | | Truck License Plate Number: | | |
| Trailer License Plate State | | Trailer License Plate Number: | | |
| Vehicle Markings: | | | | |

# Photograph Log

Site Sewage & Water Board of New Orleans Site 2

City: New Orleans Parish: Orleans

ALT ID No.: AI Number: 150097

LATITUDE N30.01117 LONGITUDE W89.94987

Date: 4/11/07 Photographer: Nicolas Freeman

For each photograph include a description of photograph contents, direction of photo, and GPS Coordinates if applicable.

① Opening Placard | 1240

| Photo Number/Time | Photo Description |
|---|---|
| 100-0021 12:45 2 | N30.01117 W89.94987 Gate Entry Facing South |
| 100-0022 12:50 3 | N30.01104 W89.94981 C&D and Concrete, Asphalt |
| 100-0023 12:52 4 | N30.01062 W89.94978 Multiple Piles of C&D, Concrete, Asphalt. |
| 1300 100-024 5 | N30.00889 W89.94943 Multiple Cars and Half Cuts, Pallets and C&D |
| 1307 100-025 6 | N30.00760 W89.94947 Tires, Scrap metal, carpet, Asphalt Household waste |
| 7 | closing placard \| 1318 |

Facility Name: Sewage and Water Board of New Orleans AI#:
Location: N 30.01117 W 89.94987 Parish: Orleans
Date: 4/11/2007 Photographer: Nicolas Freeman

**Photograph Log**

Site Sewage & Water Board of New Orleans
City: New Orleans Parish: Orleans
ALT ID No.: AI Number:
LATITUDE N30.01117 LONGITUDE W89.94987
Date: 4/11/07 Photographer: Nicolas Freeman

For each photograph include a description of photograph contents, direction of photo, and GPS Coordina applicable.

| Photo | Photo Description |
|---|---|

Photo #: 1 of 7 Time: 1240
Description: Opening Placard

Photo #: 2 of 7 Time: 1245
Description: N 30.01117 W 89.94987; Gate Entry; Facing South

Facility Name: Sewage and Water Board of New Orleans AI#:
Location: N 30.01117 W 89.94987 Parish: Orleans
Date: 4/11/2007 Photographer: Nicolas Freeman

Photo #: 3 of 7 Time: 1250
Description: N 30.01104 W 89.94981; C&D and Concrete, Asphalt

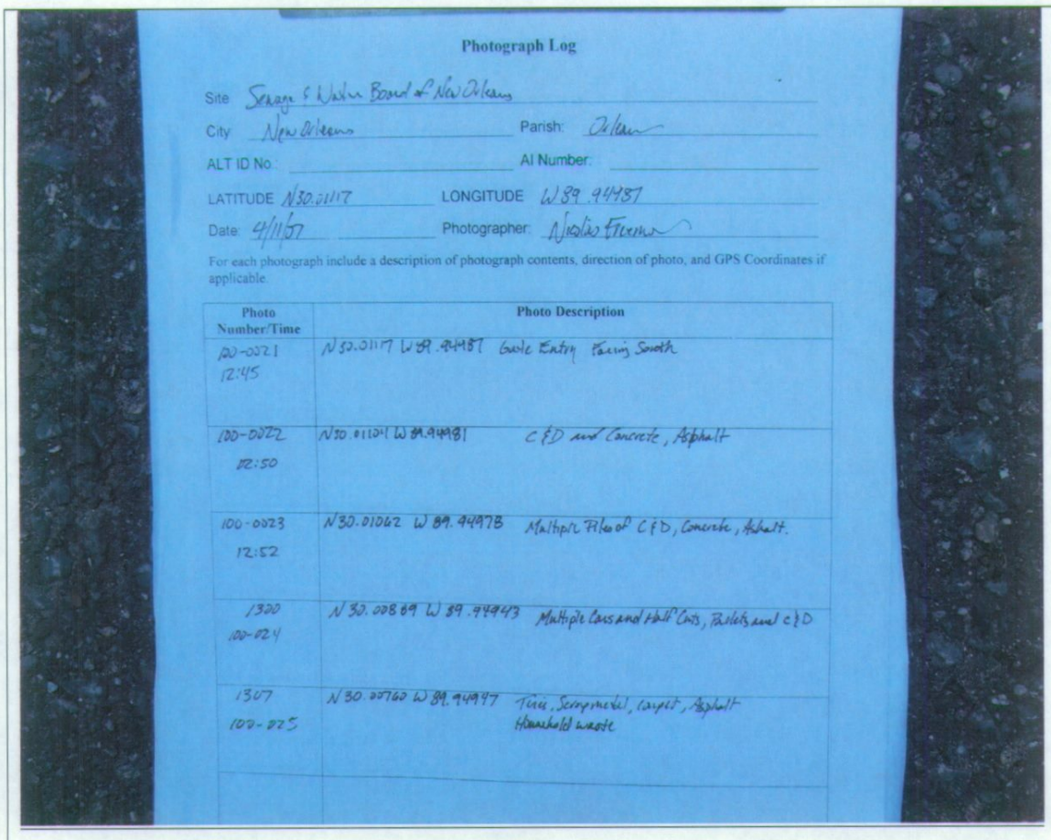
Photo #: 4 of 7 Time: 1252
Description: N 30.01062 W 89.94978; Multiple piles of C&D, Concrete, Asphalt

Facility Name: Sewage and Water Board of New Orleans AI#:
Location: N 30.01117 W 89.94987 Parish: Orleans
Date: 4/11/2007 Photographer: Nicolas Freeman

Photo #: 5 of 7 Time: 1300
Description: N 30.00889 W 89.94943; Multiple cars and half cuts; pallets and C&D

Photo #: 6 of 7 Time: 1307
Description: N 30.00760 W 89.94947; Tires, Scrap metal; carpet, asphalt, household waste

Facility Name: Sewage and Water Board of New Orleans AI#:
Location: N 30.01117 W 89.94987 Parish: Orleans
Date: 4/11/2007 Photographer: Nicolas Freeman



**Photograph Log**

Site: Sewage & Water Board of New Orleans
City: New Orleans Parish: Orleans
ALT ID No.: AI Number:
LATITUDE: N30.01117 LONGITUDE: W89.94987
Date: 4/11/07 Photographer: Nicolas Freeman

For each photograph include a description of photograph contents, direction of photo, and GPS Coordinates if applicable.

| Photo Number/Time | Photo Description |
|---|---|
| 100-0021 12:45 | N30.01117 W89.94987 Gate Entry Facing South |
| 100-0022 12:50 | N30.01124 W89.94981 C&D and Concrete, Asphalt |
| 100-0023 12:52 | N30.01062 W89.94978 Multiple Piles of C&D, Concrete, Asphalt. |
| 1320 100-024 | N30.00889 W89.94943 Multiple Cars and Half Cars, Pallets and C&D |
| 1307 100-025 | N30.00760 W89.94947 Tires, Scrap metal, carpet, Asphalt Household waste |

Photo #: 7 of 7 Time: 1318
Description: Closing Placard

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 150018 INSPECTION DATE: 4/11/07 TIME OF ARRIVAL: 2:20 pm

ALTERNATE ID#: _____ (ID Type/Number) DEPARTURE DATE: 4/11/07 TIME OF DEPARTURE: 2:25 pm

FACILITY NAME: ? New Orleans Sewerage & Water Board PH #: _____

LOCATION: 9510 Old Gentilly Hwy New Orleans LA GPS 30.01264 -89.97496

PARISH NAME: Orleans

RECEIVING STREAM (BASIN/SUBSEGMENT): _____

MAILING ADDRESS: _____
(Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: _____ TITLE: _____

FACILITY REPRESENTATIVE PHONE NUMBER: _____

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR WASTE WATER OTHER

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

This inspection was conducted as part of the Old Gentilly Rd. clean up project. Inspectors noted equipment storage area and a pile of scrap iron. No areas of concern noted at the time of this site visit

AREAS OF CONCERN:

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Unmanned

PRINT NAME: _____
(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Brian Tusa CROSS REFERENCE: _____

Group 3 ATTACHMENTS: _____

REVIEWER: _____

NOTE: The information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 150097 INSPECTION DATE: 4/11/07 TIME OF ARRIVAL: 12:40 pm

ALTERNATE ID#: _____ (ID Type/Number) DEPARTURE DATE: 4/11/07 TIME OF DEPARTURE: 1:30 pm

FACILITY NAME: _____ PH #: _____

LOCATION: Sewerage & Water Board of New Orleans Intersection of Grant & Almonaster New Orleans, LA PARISH NAME: Orleans

RECEIVING STREAM (BASIN/SUBSEGMENT): _____

MAILING ADDRESS: _____ (Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: _____ TITLE: _____

FACILITY REPRESENTATIVE PHONE NUMBER: _____

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR (WASTE) WATER OTHER _____

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

location at Light Pole #153 on Almonaster Blvd. Locked gate & sign.
Inspectors: Larry Baldwin (Team leader), steve Aguillard, chris Simms, suzanne Gardner, Nick Freeman (start).
C&D waste piles along drive, 16 junk cars, so waste tires, household trash
(8 or 9 loads of mixed C&D and rubble is the estimated quantity)
no one present

AREAS OF CONCERN:

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| LAC 33:VII.315 A+E | Unauthorized Disposal of Solid Waste | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☑ YES ☐ NO SAMPLES TAKEN: ☐ YES ☑ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: _____

PRINT NAME: _____

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Larry Baldwin CROSS REFERENCE: _____

Chris Simms, report writer ATTACHMENTS: _____

REVIEWER: Stan Aguillard

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY


Elms
RF
CKO
SERO
Legal

February 1, 2007

CERTIFIED MAIL (7004 1160 0001 9952 2454)
RETURN RECEIPT REQUESTED

**JACOBSEN SPECIALTY SERVICES, INC.**
c/o George J. Jacobsen, Jr., Registered Agent
3268 Jean Lafitte Blvd.
Lafitte, LA 70067

**RE: JACOBSEN SPECIALTY SERVICES, INC.**
**VIOLATIONS CLEAR LETTER**
**ENFORCEMENT TRACKING NO. UE-N-06-0273**
**ORLEANS PARISH**
**AI No. 41937**

Dear Sir:

Based on the information submitted and actions reported as being taken by Jacobsen Specialty Services, Inc., in Response to the Notice of Violation for the tank closure at 2900 Peoples Avenue (AI 5672), the Louisiana Department of Environmental Quality (the Department) has determined that the issue identified in UE-N-06-0273, has been adequately addressed.

For each violation described herein, the Department reserves the right to seek civil penalties in any manner allowed by law, and nothing herein shall be construed to preclude the right to seek such penalties.

If we can be of further assistance, please contact Cheryl O'Neal at (225) 219-3793.

Sincerely,

Peggy M. Hatch
Administrator
Enforcement Division

PMH/CKO/cko
Alt ID No. 36-008336


ENVIRONMENTAL **COMPLIANCE**
: PO BOX 4312, BATON ROUGE, LA 70821-4312
P:225-219-3700 F:225-219-3708
WWW.DEQ.LOUISIANA.GOV

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
OES-AIR PERMITS DIVISION
P.O. Box 4313 * Baton Rouge, Louisiana 70821-4313

NOT. ID: LA08975
AI NO.: 5001

ADVF NO: LA08975-06 ASBESTOS DISPOSAL VERIFICATION FORM PRIORITY: Low

| | |
|---|---|
| 1) PROJECT LOCATION/STREET ADDRESS/ZIP<br>SEWERAGE AND WATER BD OF N.O.-BOILER#2<br>8800 S CLAIBORNE AVE<br>NEW ORLEANS, LA 77010- | 3) ISSUE DATE<br>09/15/2006<br>4) EXPIRATION DATE<br>12/15/2006 |
| 2) PROJECT PHONE | |
| 5) CONTRACTOR'S NAME/MAILING ADDRESS/ZIP<br>AMX ENVIRONMENTAL, LTD<br>8701 GULF FREEWAY<br>HOUSTON, TX 77017- | 7) PROJECT START DATE<br>05/08/2006<br>8) PROJECT COMPLETE DATE<br>08/15/2006 |
| 6) CONTRACTOR'S PHONE 713-378-9911 | |
| 9) OWNER'S NAME/MAILING ADDRESS/ZIP<br>SEWAGE AND WATER BOARD OF NEW ORLEANS<br>8800 SOUTH CLAIBORNE AVE<br>NEW ORLEANS, LA 70118- | 11) ESTIMATED ACM QUANTITY<br>800 LNFT 5000 SQFT<br>12) DESIGNATED DISPOSAL SITE<br>JEFFERSON PARISH LANDFILL |
| 10) OWNER PHONE 504-865-0444 | |
| 13) PRINTED/TYPED NAME<br>KATHRYN BERRY | 14) SIGNATURE<br>KB |

RECEIVED
DEQ/AIR PERMITS
MANUFACTURING
2006 NOV 13 PM

**Owner/Operator**

| | |
|---|---|
| 15) WASTE TRANSPORTER<br>PINNACLE WASTE | 16) QUANTITY SHIPPED<br>30 cyds<br>17) DATE PROJECT COMPLETED<br>7/31/06 |
| 18) DISPOSAL SITE<br>JEFFERSON PARISH LANDFILL | 19) DATE SHIPPED<br>11.7.06 |

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

20) Printed Name: Karl Bray

21) Signature: Karl Bray Date: 9-25-06.

**Transportor**

| | |
|---|---|
| 22) DATE RECEIVED 11.7.06 | 23) DATE DELIVERED 11.7.06 |
| 24) PRINTED/TYPED NAME<br>Pinnacle Waste | 25) SIGNATURE<br>Brian Tenglet |

**Landfill**

| | |
|---|---|
| 26) DATE BURIED 11-7-06 | 27) QUANTITY RECEIVED 30 cuyds |
| 28) PRINTED/TYPED NAME<br>Cassie Comardelle | 29) SIGNATURE<br>Cassie Comardelle |

30) SPECIAL CONDITIONS OR COMMENTS: 81978

COPIES: WHITE-DEQ; GREEN-OWNER; YELLOW-LANDFILL; PINK-TRANSPORTER; GOLD-OWNER

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 150119 INSPECTION DATE: 4/13/07 TIME OF ARRIVAL: 9:40

ALTERNATE ID#: _____ (ID Type/Number) DEPARTURE DATE: 4/13/07 TIME OF DEPARTURE: 9:45

FACILITY NAME: New Orleans Sewage & Water Bd. Pump Station PH #: none

LOCATION: South of Light Pole 30/31 on Almonaster Blvd

N 30.00558 W -90.00558 PARISH NAME: Orleans

RECEIVING STREAM (BASIN/SUBSEGMENT): _____

MAILING ADDRESS: _____ (Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: Unmanned Facility TITLE: N/A

FACILITY REPRESENTATIVE PHONE NUMBER: _____

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR WASTE WATER OTHER _____

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

This Facility is Colocated with Tchopitoulas Bogal club. It consists of a Brick Building with A Concrete SlAB. It is surrounded by an 8' Chain Link Fence

The Facility was not manned At the time of the Inspection

No improper Disposal of Solid waste was observed

End of Report

**AREAS OF CONCERN:**

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☒ YES ☐ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Unmanned Facility

PRINT NAME: _____

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Wayne Dessell, Steve Lorio CROSS REFERENCE: _____

Brandi Ramatazza, Richard Geiger (EPA) ATTACHMENTS: _____

Jerry Dupree (START)

REVIEWER: _____

NOTE: The information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

REVISED: 02/03/2003

FDMS
Cheryl O
SERO

# JACOBSEN SPECIALTY SERVICES

*505 19th STREET*
*GRETNA, LA 70053*
*504-263-2672 FAX 504-263-2821*
**email:** jacobsenspecialt@bellsouth.net

November 21, 2006

State of Louisiana
Department of Environmental Quality
Environmental Compliance
P. O. Box 4312
Baton Rouge, La. 70821-4312
**Attn.: Ms Cheryl O'Neal**

**Re: Enforcement Tracking No. UE-N-06-0273**
**Agency Interest No. 41937**

**Dear Ms O'Neal**

In response to this notification of violation, in order to set the record straight, Jacobsen Specialty Services, Inc., is not the owner or the operator of the tanks involved in this report. The owner is the New Orleans Sewage and Water Board. Jacobsen Specialty Services, Inc. was the UST certified closure contractor.

The release involved was discovered when the soil analysis of the backfill material removed during closure indicated minor hits above recap. There were no hits in the tank excavation and no over excavation was needed.

I have been a UST certified worker (IRC0105) since the beginning of certifications and have reported many releases of fuel product. I was not aware, as in this case, that closure soil analysis hits constituted a release of product requiring 24hr. Notification. Please excuse my ignorance. Agent David Frasier, who witnessed the closure made me aware of this fact when I told him of the results as soon as I received them. I have since made reports like this on time and will continue to do so.

In this case, the soil in question was disposed of properly and was not returned to the excavation.

Yours truly,
JACOBSEN SPECIALTY SERVICES, INC.

George J Jacobsen, Jr.
President

GJJ/ej

RECEIVED
NOV 28 2006
OFFICE OF
ENVIRONMENTAL COMPLIANCE
ENFORCEMENT DIVISION

# OFFICE OF ENVIRONMENTAL COMPLIANCE
# SURVEILLANCE DIVISION

TO: Lourdes Iturralde, Enforcement Manager

FROM: Blaise Guzzardo, SERO, Regional Manager

SUBJECT: Surveillance Division Referral to Enforcement Division

**Agency Interest Number:** 5672

**Alternate ID Number:** 36-008336

**Incident Number:** 80238

**Inspection Date:** 1/4/05

**Media:** Check all that apply

**Air** (inc. asbestos/lead): ☐ **Water:** ☐ **Haz. Waste:** ☐ **Risk MPs:** ☐
**Solid Waste** (inc. tires): ☐ **UST:** ☒ **Radiation:** ☐ **Stage 1 & 2:** ☐

**Complaint related?** ☐ *Yes* ☒ *No* **Follow up?** ☐ *Yes* ☒ *No* *if yes* *Enforcement Action Number*

**Facility Information** *(Include company name, mailing address, and responsible official)*:

**Company/Facility Name:** Jacobsen Specialty Services, Inc.

**Responsible Official:** George Jacobsen

**Mailing Address:** Box 947

Westwego, LA 70096
*City, State Zip*

**Investigator Name:** David L. Frazier 7/7/05
*Please Clearly Print* *Date*

**Reviewed (ES Supervisor):** [signature] 8/4/05
*Signature* *Date*

**Reviewed (ES Staff):** [signature] 7/29/05
*Signature* *Date*

**Date Referred:** [signature] 8-4-05
*Date*

# CLOSURE INSPECTION REPORT
# FOR
# UNDERGROUND STORAGE TANKS

| | | | |
|---|---|---|---|
| AI #: | 5672 | FID #: | 36-008336 |
| AI NAME: | New Orleans Sewerage & Water Board | INSPECTION DATE(S): | 1/4/05 |

| | | | | | |
|---|---|---|---|---|---|
| Physical Location | 2900 Peoples Avenue | | | | |
| | New Orleans | LA | Parish: | Orleans | |
| | (City) | (State) | | | |
| Mailing Address: | 2900 Peoples Avenue | New Orleans | | LA | 70122 |
| | (Address) | (City) | | (State) | (Zip) |

| | |
|---|---|
| Facility Representative/Title: | George Jacobsen/ contractor |
| Facility Representative Telephone #: | 504-341-7217 |
| Lead Inspector: | David L. Frazier |
| Other Inspector(s): | |

Summary of Findings/Comments:

UST Certified Worker Name: **George Jacobsen** Certificate # **IRC-0105**

2 USTs were removed and /or closed in place.

The tanks were sent to **Southern Scrap Recycling**.

The tank wash water was sent to **Waste Water Disposal**.

The material excavated from the tank hole was sent to **Jefferson Parish Landfill**.

Samples were **above** RECAP Screening Standards.

SPLP samples were **n/a** RECAP Screening Standards.

The Tank Closure Assessment Report submitted on **3/7/05** was reviewed and found to be adequate. ☒ Yes ☐ No

The closure was submitted to LDEQ Remediation Services for further review. ☐ Yes ☒ No

Referred to LDEQ Enforcement for further Action. ☒ Yes ☐ No
If yes what was the date it was referred to LDEQ Enforcement?
Additional Comments

**Area of Concern**

**The TPH-D concentrations of 117 kg/mg and 3790 kg/mg, Naphthalene concentration of 17.6 mg/kg, and 2-Methylnaphthalene concentrations of 26.2 mg/kg and 3.36 mg/kg in the backfill, exceeded the screening standards of 65 kg/mg, 1.5 mg/kg, and 1.7 mg/kg, respectively. The backfill was placed on visqueen and held until 4/15/05. The tanks were removed on 1/4/05 and samples were collected. The sample results were mailed to SERO on 3/7/05. The Closure Assessment Form was signed by George Jacobsen of Jacobsen Specialty Services on 2/24/05. The release was not reported until 6/30/05. The incident should have been reported within 24 hours as required by LAC 33:XI.707.A.1.**

| | | |
|---|---|---|
| **Report By:** | David L. Frazier, ES III | 6/29/05 (Date): |
| **Reviewed By:** | Don Brandin, Environmental Scientist Supervisor | 7/29/05 (Date |


Note: l questions are to be answered. The answer is either yes, no, or not applicable.
Use th rther explanations pages in the back to describe your areas of concern in greater detail.

| AI #: | 5672 | FID #: | 36-008336 |
|---|---|---|---|
| AI NAME: | New Orleans Sewerage & Water Board | INSPECTION DATE(S): | 1/4/05 |

1. Please indicate the tank number, size of tank, and product last stored in the following table. (This information can be obtained from the UST Closure Notification Form). If additional tank(s), which are not listed below, are discovered during closure, please have contractor/certified work update closure notification form.

| DEQ ASSIGNED TANK NUMBERS | SIZE OF TANK (GALLONS) | PRODUCT LAST STORED | DEQ ASSIGNED TANK NUMBERS | SIZE OF TANK (GALLONS) | PRODUCT LAST STORED |
|---|---|---|---|---|---|
| 22403 | 4000 | diesel | 22404 | 4000 | diesel |
| | | | | | |
| | | | | | |

| | |
|---|---|
| 2. Did the facility use a Certified UST Worker to oversee the closure? | ☒ Yes ☐ No ☐ N/A |
| If yes, please include his/her name below and their certificate number **George Jacobsen, IRC-0105** | |
| **If no, please explain further in further explanations.** | |
| 3. Was the certified worker present at the Closure Critical Junctures? | ☒ Yes ☐ No ☐ N/A |
| a. cleaning/vapor removal | ☒ Yes ☐ No ☐ N/A |
| b. all subsurface sample collection events | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain further in further explanations.** | |
| 4. What type of closure was being performed? | |
| a. Removal | ☒ Yes ☐ No ☐ N/A |
| b. Closed in place | ☐ Yes ☒ No ☐ N/A |
| If closed in place, what type? | |
| a. Sand | ☐ Yes ☐ No ☒ N/A |
| b. Cement Slurry | ☐ Yes ☐ No ☒ N/A |
| c. Other Inert Solid. **If yes describe in further explanations** | ☐ Yes ☐ No ☒ N/A |
| 5. Were all the tanks empty prior to commencement of closure? | ☒ Yes ☐ No ☐ N/A |
| If no, how many gallons were left in each tank? Please explain below | |

| | |
|---|---|
| 6. Did the contractor remove the vapors from the tanks? | ☒ Yes ☐ No ☐ N/A |
| If yes, what method | |
| a. Dry Ice | ☒ Yes ☐ No ☐ N/A |
| b. Venturi tube | ☐ Yes ☐ No ☒ N/A |
| c. Inert Gas | ☐ Yes ☐ No ☒ N/A |
| d. Other: | ☐ Yes ☐ No ☒ N/A |
| If Dry Ice or Inert Gas, what was the percent oxygen in each tank | ☒ Yes ☐ No ☐ N/A |

| Tank No. | % Oxygen | Tank No. | % Oxygen |
|---|---|---|---|
| 22403 | 5 | 22404 | 4 |
| | | | |
| | | | |

If Venturi tube or other rinsing method, what was the percent LEL for each tank?

| Tank No. | % LEL | Tank No. | % LEL |
|---|---|---|---|
| | | | |
| | | | |
| | | | |



Note: All questions are to be answered. The answer is either yes, no, or not applicable. Use the further explanations pages in the back to describe your areas of concern in greater detail.

| AI #: | 5672 | FID #: | 36-008336 |
|---|---|---|---|
| AI NAME: | New Orleans Sewerage & Water Board | INSPECTION DATE(S): | 1/4/05 |

| | |
|---|---|
| 7. Were the tanks plugged? | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain in further explanations.** | |
| 8. Was groundwater encountered? | ☒ Yes ☐ No ☐ N/A |
| If yes, at what depth below grade? **8'** | |
| 9. Was Phase Separated Hydrocarbons encountered during the tank removal? | ☐ Yes ☒ No ☐ N/A |
| If yes, please have the responsible party notify LDEQ of the Release according to the regulations and explain the situation further in the comments section. | |
| | ☐ Yes ☐ No ☐ N/A |
| What is the name of the final disposal facility for | |
| a. any waste waters produced | **Waste Water Disposal** |
| b. sludges | |
| c. tanks | **Southern Scrap Recycling** |
| d. soil | **Jefferson Parish Landfill** |
| e. groundwater | |
| 10. Were soil samples taken? | ☒ Yes ☐ No ☐ N/A |
| If yes, at what depth? | |
| **8'** | |
| 11. Did the Certified Worker observe LDEQ sample collection procedures for? | ☒ Yes ☐ No ☐ N/A |
| a. Sample Labeling | |
| i) sample identification | ☒ Yes ☐ No ☐ N/A |
| ii) collection date and time | ☒ Yes ☐ No ☐ N/A |
| iii) analysis required | ☒ Yes ☐ No ☐ N/A |
| iv) sampler's initials | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain further in further explanations.** | ☐ Yes ☐ No ☐ N/A |
| b. Chain of Custody | |
| i) sample identification | ☒ Yes ☐ No ☐ N/A |
| ii) name and address of site | ☒ Yes ☐ No ☐ N/A |
| iii) date and time of sample collection | ☒ Yes ☐ No ☐ N/A |
| iv) location and depth of sample | ☒ Yes ☐ No ☐ N/A |
| v) number of samples | ☒ Yes ☐ No ☐ N/A |
| vi) analysis to be performed | ☒ Yes ☐ No ☐ N/A |
| vii) comments or remarks | ☒ Yes ☐ No ☐ N/A |
| viii) appropriate signatures for relinquishing and receiving samples | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain further in further explanations.** | |
| c. Sample Locations for | |
| i) USTs | ☒ Yes ☐ No ☐ N/A |
| ii) Dispenser Islands | ☐ Yes ☐ No ☒ N/A |
| iii) Backfill | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain further in further explanations.** | |
| 12. What Analytical Laboratory analyzed the samples? **Pace Analytical** | |
| Was the analytical Certified by LDEQ? | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain further in further explanations.** | |
| 13. Were tanks labeled for transport? | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain further in further explanations.** | |



Note: All questions are to be answered. The answer is either yes, no, or not applicable. Use the further explanations pages in the back to describe your areas of concern in greater detail.

| AI #: | 5672 | FID #: | 36-008336 |
|---|---|---|---|
| AI NAME: | **New Orleans Sewerage & Water Board** | INSPECTION DATE(S): | **1/4/05** |

| | |
|---|---|
| 14. Was the Closure Assessment report complete? Did it contain: | ☒ Yes ☐ No ☐ N/A |
| a. Closure Assessment Form? | ☒ Yes ☐ No ☐ N/A |
| b. Site Sketch? | ☒ Yes ☐ No ☐ N/A |
| c. Analytical Results & Chain of Custody? | ☒ Yes ☐ No ☐ N/A |
| d. Two copies of Closure Assessment Report? | ☒ Yes ☐ No ☐ N/A |
| e. UST Manifests? | ☒ Yes ☐ No ☐ N/A |
| f. Soils Manifests? | ☒ Yes ☐ No ☐ N/A |
| g. Fluids Manifests? | ☒ Yes ☐ No ☐ N/A |
| **If no, please explain further in further explanations.** | |
| | |
| | |
| | |
| | |



Note: All questions are to be answered. The answer is either yes, no, or not applicable. Use the further explanations pages in the back to describe your areas of concern in greater detail.

AI #: 5672

Facility Name: New Orleans Sewerage & Water Board
Inspection date(s): 1/4/05

# LIST OF ATTACHMENTS

| | |
|---|---|
| **ATTACHMENT 1** | **Field Interview Form dated 1/4/05** |
| **ATTACHMENT 2** | **NOI to Close USTs dated 10/7/04** |
| **ATTACHMENT 3** | **UST Closure Assessment Form(s) dated 3/2/05** |
| **ATTACHMENT 4** | **UST Closure Assessment Report dated 3/7/05** |
| **ATTACHMENT 5** | **Photographs** |
| **ATTACHMENT 6** | **Incident Report** |

AI #: 5672

Facility Name: New Orleans Sewerage & Water Board
Inspection date(s): 1/4/05

# ATTACHMENT 1

## Field Interview Form dated 1/4/05
## (1 Page)

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 5672 INSPECTION DATE: 1/4/05 TIME OF ARRIVAL: 1010

ALTERNATE ID#: 36-008336 (ID Type/Number) DEPARTURE DATE: 1/4/05 TIME OF DEPARTURE: 1700

FACILITY NAME: NEW ORLEANS SEWERAGE + WATER BOARD PH #: 504-942-3851

LOCATION: 2900 PEOPLES AVENUE, NEW ORLEANS

PARISH NAME: ORLEANS

RECEIVING STREAM (BASIN/SUBSEGMENT):

MAILING ADDRESS: 2900 PEOPLES AVENUE (Street/P.O. Box) NEW ORLEANS (City) LA (State) 70122 (ZIP)

FACILITY REPRESENTATIVE: GEORGE JACOBSEN TITLE: CONTRACTOR

FACILITY REPRESENTATIVE PHONE NUMBER: 504-341-7217

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR WASTE WATER OTHER UST

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

DURING AN INSPECTION OF THIS FACILITY THE FOLLOWING ITEMS WERE FOUND:

1. TWO 4000-GALLON, BARE STEEL, DIESEL TANKS WERE NO LONGER BEING USED AND SCHEDULED FOR REMOVAL.

2. DRY ICE WAS USED TO REMOVE VAPORS FROM THE TANKS.

3. GROUNDWATER WAS ENCOUNTERED AT 8'.

AREAS OF CONCERN:

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☑ YES ☐ NO SAMPLES TAKEN: ☐ YES ☑ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE:

PRINT NAME:

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): CROSS REFERENCE:

ATTACHMENTS:

REVIEWER:

NOTE: The information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

AI #: 5672

Facility Name: New Orleans Sewerage & Water Board
Inspection date(s): 1/4/05

# ATTACHMENT 2

## NOI to Close USTs dated 10/7/04
## (1 Page)

# STATE OF LOUISIANA
## NOTIFICATION OF INTENT TO PERFORM A CLOSURE OR CHANGE-IN-SERVICE TO A UNDERGROUND STORAGE TANK SYSTEM

**Please complete and return thirty (30) days prior to permanent UST system closure or change-in-service**

Return: LDEQ-SURVEILLANCE DIVISION
P.O. Box 82215
Baton Rouge, LA 70884-2215
Questions: (225) 765-2953

DEQ Facility Number 36-008336
DEQ Owner ID Number AI# 5672

### I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

New Orleans Sewage + Water Bd
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

2900 Peoples Ave
MAILING ADDRESS

New Orleans, LA. 70122
CITY STATE ZIP

Orleans
PARISH/COUNTY

(504) 942-3851
TELEPHONE (INCLUDE AREA CODE)

Rudy August
NAME OF CONTACT

### II. LOCATION OF TANKS

IF SAME AS SECTION I. PLEASE CHECK ☑

FACILITY NAME OR COMPANY SITE IDENTIFIER

STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

CITY STATE ZIP

PARISH

( )
TELEPHONE (INCLUDE AREA CODE)

CONTACT PERSON AT THIS LOCATION

### III. TANK INFORMATION

DATE SCHEDULED FOR CLOSURE/REMOVAL OR CHANGE-IN-SERVICE / /

| DEQ ASSIGNED TANK NUMBERS | SIZE OF TANK (GALLONS) | PRODUCT LAST STORED IN TANK | DEQ ASSIGNED TANK NUMBERS | SIZE OF TANK (GALLONS) | PRODUCT LAST STORED IN TANK |
|---|---|---|---|---|---|
| 22403 | 4000 | Diesel | | | |
| 22404 | 4000 | Diesel | | | |
| | | | | | |

ATTACH CONTINUATION SHEETS IF NECESSARY

### IV. TANK CLOSURE INFORMATION

A. If the tank(s) are to be closed in place, indicate cleaning method and the type of fill material to be used: N/A

B. Name of UST Certified Worker George Jacobsen Certificate No. FRC0105

C. Name of Contracting Company JAcobsen Spec. Serv.

D. Name of laboratory to conduct sample analysis PACE

FORMS THAT INCLUDE "TO BE DETERMINED" OR "UNKNOWN" AS A RESPONSE WILL BE REJECTED

### V. CERTIFICATION

I certify that the above information is correct to the best of my knowledge and that the appropriate UST Regional Office will be contacted seven days prior to performing the UST system closure or change-in-service. I agree if closure or change-in-service of the UST system does not begin within 90 days after DEQ's approval, that this form becomes invalid. I also agree to submit the following information within 60 days after closure/change-in-service of the UST system:

(1) the "UST Closure/Assessment Form" (UST-SURV-02);
(2) two copies of a site drawing to include the information required by the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines";
(3) two copies of analytical results with chain-of-custody documents; and
(4) two copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

RUDY AUGUST, JR. — PRINT OR TYPE OWNER'S NAME
[signature] — OWNER'S SIGNATURE
10/7/04 — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S SIGNATURE WILL BE REJECTED

### LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☑ DEQ AI No. 5672
☐ Approved for the indicated activity.
☐ Rejected for the following reasons:
- ☐ DEQ records indicate that the contractor you have selected is not a UST worker certified by DEQ for closure. You must select, from the enclosed list, a contractor that is a certified UST worker.
- ☐ DEQ records indicate that the UST system has not been registered. You must complete the attached registration form and return it to this office IMMEDIATELY.
- ☐ _____

☐ The noted highlighted section(s) of this form must be completed in order for LDEQ to process.
☐ This form has not been signed by the owner. Please resubmit with the required signature.

Signature of LDEQ Representative [signature] Telephone No. - 504-736-7112 Date 10/8/04

UST-SURV-01 **** INCOMPLETE FORMS MAY BE REJECTED **** Revised 01/02

DEQ REGIONAL OFFICE FILE

AI #: 5672

Facility Name: New Orleans Sewerage & Water Board
Inspection date(s): 1/4/05

# ATTACHMENT 3

## UST Closure Assessment Form dated 3/2/05
## (1 Page)

RECEIVED

MAR 7 2005

SOUTHEAST REGIONAL OFFICE

# STATE OF LOUISIANA
# UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM

Please complete and return within sixty (60) days after UST system closure or change-in-service

Return to: LDEQ - UST DIVISION Questions: (504) 765-0243
P. O. Box 82178
Baton Rouge, LA 70884-2178

DEQ Facility Number 36-008336

DEQ Owner ID Number 5672

## I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

New Orleans Sewage + Water Bd.
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

2900 Peoples Ave.
MAILING ADDRESS

New Orleans LA. 70122
CITY STATE ZIP

Orleans
PARISH/COUNTY

(504) 942-3851
TELEPHONE (INCLUDE AREA CODE)

Rudy August
NAME OF CONTACT PERSON

## II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK ☑

FACILITY NAME OR COMPANY SITE IDENTIFIER

STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

CITY STATE ZIP

PARISH

( )
TELEPHONE (INCLUDE AREA CODE)

CONTACT PERSON AT THIS LOCATION

## III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

| DEQ ASSIGNED TANK NUMBERS | PRODUCT LAST STORED IN TANK | SIZE OF TANK (GALLONS) | CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-in-Service[1] 4 = Removed & Replaced[2] | TANK PROPERLY LABELED? CIRCLE | | HIGHEST LEL OR OXYGEN READING[3] LEL[4] | Oxygen | DATE OF CLOSURE OR CHANGE-IN-SERVICE |
|---|---|---|---|---|---|---|---|---|
| 22403 | Diesel | 4000 | 1 | Y | N | | 5% | 1/4/05 |
| 22404 | Diesel | 4000 | 1 | Y | N | | 4% | 1/4/05 |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

## IV. TANK

A. Date cleaned 1/4/05
B. Date disposed/recycled 1/12/05
C. Name of disposal site/recycling site ~~WWD~~ Southern Scrap

## V. TANK SLUDGES

A. Date disposed/recycled / /
B. Volume removed N/A cu/yds
C. Name of disposal site

## VI. TANK WATERS/WASHWATERS

A. Date disposed/recycled 1/4/05
B. Volume removed 1200 gals
C. Name of disposal/recycling site WWD

## VII. CONTAMINATED SOIL (IF APPLICABLE)

A. Date removed 1/4/05
D. Date disposed 4/15/05
B. Volume of soil removed N/A 177.95 TONS cu/yds
C. Name of disposal site JEFFERSON PAR. LANDFILL

## VIII. CONTAMINATED GROUNDWATER (IF APPLICABLE)

A. Date removed / /
D. Date disposed / /
B. Volume of groundwater removed N/A gals
C. Name of disposal site/recycler

## IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

RUDY AUGUST, JR. — PRINT OR TYPE OWNER'S NAME
Rudy August, Jr. — OWNER'S SIGNATURE
3/2/05 — DATE

George Jacobsen — PRINT OR TYPE NAME OF CERTIFIED WORKER
[signature] — SIGNATURE OF CERTIFIED UST WORKER
FRC0105 — CERTIFICATE NO.
2/24/05 — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

AF#5672

## LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☑ UST system removed from database; no further action required.
☐ UST system removed from database; additional information required.

Reviewer's Signature [signature] Telephone No. (504) 736-7772 Date 8/9/05

Signature of LDEQ Representative [signature] Date 7/7/05 Supervisor's Initials [initials]

UST-ENF-02 **** INCOMPLETE FORMS MAY BE REJECTED ***** Revised 12/94

UST DIV. MAIN OFFICE FILE

AI #: 5672

Facility Name: New Orleans Sewerage & Water Board
Inspection date(s): 1/4/05

# ATTACHMENT 4

## UST Closure Assessment Report dated 3/7/05
## (48 Pages)

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

RECEIVED
MAR 7 2005
SOUTHEAST REGIONAL OFFICE

Pace Analytical™
New Orleans Laboratory

# Report of Laboratory Analysis

# Project Number: 2043985

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical™
New Orleans Laboratory

# Sample Cross Reference Report

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** Jacobsen Specialty Services

**Project:** N.O. SEWERAGE & WATER BOARD

**Project No.:** 2043985

| Sample ID | Lab ID | Matrix | Collection Date/Time | | Received Date/Time | |
|---|---|---|---|---|---|---|
| BF-1 | 20333544 | Soil | 01/04/2005 | 17:05 | 01/05/2005 | 10:35 |
| BF-2 | 20333545 | Soil | 01/04/2005 | 17:10 | 01/05/2005 | 10:35 |
| NE TANK | 20333537 | Soil | 01/04/2005 | 16:55 | 01/05/2005 | 10:35 |
| NW TANK | 20333541 | Soil | 01/04/2005 | 16:45 | 01/05/2005 | 10:35 |
| SE TANK | 20333543 | Soil | 01/04/2005 | 16:35 | 01/05/2005 | 10:35 |
| SW TANK | 20333542 | Soil | 01/04/2005 | 16:40 | 01/05/2005 | 10:35 |

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EOB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** Jacobsen Specialty Services

**Client ID:** NE TANK
**Site:** None
**Project:** N.O. SEWERAGE & WATER BOARD
**Project No.:** 2043985
**Sample Qu:**
**Lab ID:** 20333537
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 54513
**Method:** SW 8270 Semivolatile Organics
**Units:** ug/kg
**Target List:** SR979MSLOW
**Collected:** 01/04/05
**Received:** 01/05/05
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 01/06/05
**Analyzed:** 01/07/05 13:49 JAM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 330. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 330. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 330. | 620. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 330. | 620. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 330. | 6200 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 330. | 62000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 330. | 220000 |
| 86-73-7 | Fluorene | 1 | ND | | 330. | 230000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 330. | 620. |
| 91-20-3 | Naphthalene | 1 | ND | | 330. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 330. | 230000 |
| 208-96-8 | Acenaphthylene | 1 | ND | | 330. | 88000 |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 330. | 1700 |
| 85-01-8 | Phenanthrene | 1 | ND | | 330. | 660000 |

16 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

Pace Analytical™
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** Jacobsen Specialty Services

**Client ID:** NW TANK
**Site:** None
**Project:** N.O. SEWERAGE & WATER BOARD
**Project No.:** 2043985
**Sample Qu:**
**Lab ID:** 20333541
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 54513
**Method:** SW 8270 Semivolatile Organics
**Units:** ug/kg
**Target List:** SR979MSLOW
**Collected:** 01/04/05
**Received:** 01/05/05
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 01/06/05
**Analyzed:** 01/07/05 14:24 JAM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 330. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 330. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 330. | 620. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 330. | 620. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 330. | 6200 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 330. | 62000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 330. | 220000 |
| 86-73-7 | Fluorene | 1 | ND | | 330. | 230000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 330. | 620. |
| 91-20-3 | Naphthalene | 1 | ND | | 330. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 330. | 230000 |
| 208-96-8 | Acenaphthylene | 1 | ND | | 330. | 88000 |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 330. | 1700 |
| 85-01-8 | Phenanthrene | 1 | ND | | 330. | 660000 |

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LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

| | | | | | |
|---|---|---|---|---|---|
| | | Client: | Jacobsen Specialty Services | | |
| Client ID: | SW TANK | Site: | None | | |
| Project: | N.O. SEWERAGE & WATER BOARD | Project No.: | 2043985 | Sample Qu: | |
| Lab ID: | 20333542 | Matrix: | Soil | % Moisture: | Not Corrected |
| Description: | None | Prep Level: | Soil | Batch: | 54513 |
| Method: | SW 8270 Semivolatile Organics | Units: | ug/kg | Target List: | SR979MSLOW |
| | | Collected: | 01/04/05 | Received: | 01/05/05 |
| Prep Factor: 1 | Leached: n/a | Prepared: | 01/06/05 | Analyzed: | 01/07/05 14:59 JAM |

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 330. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 330. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 330. | 620. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 330. | 620. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 330. | 6200 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 330. | 62000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 330. | 220000 |
| 86-73-7 | Fluorene | 1 | ND | | 330. | 230000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 330. | 620. |
| 91-20-3 | Naphthalene | 1 | ND | | 330. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 330. | 230000 |
| 208-96-8 | Acenaphthylene | 1 | ND | | 330. | 88000 |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 330. | 1700 |
| 85-01-8 | Phenanthrene | 1 | ND | | 330. | 660000 |

16 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
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| | | | | | |
|---|---|---|---|---|---|
| | | Client: | Jacobsen Specialty Services | | |
| Client ID: | SE TANK | Site: | None | | |
| Project: | N.O. SEWERAGE & WATER BOARD | Project No.: | 2043985 | Sample Qu: | |
| Lab ID: | 20333543 | Matrix: | Soil | % Moisture: | Not Corrected |
| Description: | None | Prep Level: | Soil | Batch: | 54513 |
| Method: | SW 8270 Semivolatile Organics | Units: | ug/kg | Target List: | SR979MSLOW |
| | | Collected: | 01/04/05 | Received: | 01/05/05 |
| Prep Factor: 1 | Leached: n/a | Prepared: | 01/06/05 | Analyzed: | 01/07/05 15:34 JAM |

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 330. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 330. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 330. | 620. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 330. | 620. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 330. | 6200 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 330. | 62000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 330. | 220000 |
| 86-73-7 | Fluorene | 1 | ND | | 330. | 230000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 330. | 620. |
| 91-20-3 | Naphthalene | 1 | ND | | 330. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 330. | 230000 |
| 208-96-8 | Acenaphthylene | 1 | ND | | 330. | 88000 |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 330. | 1700 |
| 85-01-8 | Phenanthrene | 1 | ND | | 330. | 660000 |

16 compound(s) reported

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New Orleans Laboratory

# Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** Jacobsen Specialty Services

**Client ID:** BF-1 **Site:** None

**Project:** N.O. SEWERAGE & WATER BOARD **Project No.:** 2043985 **Sample Qu:**

**Lab ID:** 20333544 **Matrix:** Soil **% Moisture:** Not Corrected

**Description:** None **Prep Level:** Soil **Batch:** 54513

**Method:** SW 8270 Semivolatile Organics **Units:** ug/kg **Target List:** SR979MSLOW

**Collected:** 01/04/05 **Received:** 01/05/05

**Prep Factor:** 1 **Leached:** n/a **Prepared:** 01/06/05 **Analyzed:** 01/07/05 16:10 JAM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 330. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 330. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 330. | 620. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 330. | 620. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 330. | 6200 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 330. | 62000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 330. | 220000 |
| 86-73-7 | Fluorene | 1 | ND | | 330. | 230000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 330. | 620. |
| 91-20-3 | Naphthalene | 1 | 1460 | | 330. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 330. | 230000 |
| 208-96-8 | Acenaphthylene | 1 | ND | | 330. | 88000 |
| 91-57-6 | 2-Methylnaphthalene | 5 | 3360 | D1 | 1650 | 1700 |
| 85-01-8 | Phenanthrene | 1 | ND | | 330. | 660000 |

16 compound(s) reported

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# Report of Laboratory Analysis

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Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** Jacobsen Specialty Services

**Client ID:** BF-2 **Site:** None

**Project:** N.O. SEWERAGE & WATER BOARD **Project No.:** 2043985 **Sample Qu:**

**Lab ID:** 20333545 **Matrix:** Soil **% Moisture:** Not Corrected

**Description:** None **Prep Level:** Soil **Batch:** 54513

**Method:** SW 8270 Semivolatile Organics **Units:** ug/kg **Target List:** SR979MSLOW

**Collected:** 01/04/05 **Received:** 01/05/05

**Prep Factor:** 1 **Leached:** n/a **Prepared:** 01/06/05 **Analyzed:** 01/07/05 13:15 JAM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 10 | ND | D2 | 3300 | 220000 |
| 120-12-7 | Anthracene | 10 | ND | D2 | 3300 | 120000 |
| 56-55-3 | Benzo(a)anthracene | 10 | ND | D2 | 3300 | 620. |
| 205-99-2 | Benzo(b)fluoranthene | 10 | ND | D2 | 3300 | 620. |
| 207-08-9 | Benzo(k)fluoranthene | 10 | ND | D2 | 3300 | 6200 |
| 50-32-8 | Benzo(a)pyrene | 10 | ND | D2 | 3300 | 330. |
| 218-01-9 | Chrysene | 10 | ND | D2 | 3300 | 62000 |
| 53-70-3 | Dibenz(a,h)anthracene | 10 | ND | D2 | 3300 | 330. |
| 206-44-0 | Fluoranthene | 10 | ND | D2 | 3300 | 220000 |
| 86-73-7 | Fluorene | 10 | ND | D2 | 3300 | 230000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10 | ND | D2 | 3300 | 620. |
| 91-20-3 | Naphthalene | 10 | 176000 | D2 | 3300 | 1500 |
| 129-00-0 | Pyrene | 10 | ND | D2 | 3300 | 230000 |
| 208-96-8 | Acenaphthylene | 10 | ND | D2 | 3300 | 88000 |
| 91-57-6 | 2-Methylnaphthalene | 10 | 26200 | D2 | 3300 | 1700 |
| 85-01-8 | Phenanthrene | 10 | 3920 | D2 | 3300 | ~~660000~~ 6600 |

16 compound(s) reported

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Saint Rose, LA 70087

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Fax: 504.469.0555

| | | | | | |
|---|---|---|---|---|---|
| | | Client: | Jacobsen Specialty Services | | |
| Client ID: | NE TANK | Site: | None | | |
| Project: | N.O. SEWERAGE & WATER BOARD | Project No.: | 2043985 | Sample Qu: | |
| Lab ID: | 20333537 | Matrix: | Soil | % Moisture: | Not Corrected |
| Description: | None | Prep Level: | Soil | Batch: | 54514 |
| Method: | SW 8015B Louisiana RECAP 2003 Extractable TPH | Units: | mg/kg | Target List: | TPH2003LOW |
| | | Collected: | 01/04/05 | Received: | 01/05/05 |
| Prep Factor: 1 | Leached: n/a | Prepared: | 01/05/05 | Analyzed: | 01/06/05 14:44 DGS |

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C28) | 1 | 11.6 | | 10.0 | 65.0 |

1 compound(s) reported

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| | | | | | |
|---|---|---|---|---|---|
| | | Client: | Jacobsen Specialty Services | | |
| Client ID: | NW TANK | Site: | None | | |
| Project: | N.O. SEWERAGE & WATER BOARD | Project No.: | 2043985 | Sample Qu: | |
| Lab ID: | 20333541 | Matrix: | Soil | % Moisture: | Not Corrected |
| Description: | None | Prep Level: | Soil | Batch: | 54514 |
| Method: | SW 8015B Louisiana RECAP 2003 Extractable TPH | Units: | mg/kg | Target List: | TPH2003LOW |
| | | Collected: | 01/04/05 | Received: | 01/05/05 |
| Prep Factor: 1 | Leached: n/a | Prepared: | 01/05/05 | Analyzed: | 01/06/05 15:05 DGS |

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C28) | 1 | 15.4 | | 10.0 | 65.0 |

1 compound(s) reported

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|---|---|---|---|---|---|
| | | Client: | Jacobsen Specialty Services | | |
| Client ID: | SW TANK | Site: | None | | |
| Project: | N.O. SEWERAGE & WATER BOARD | Project No.: | 2043985 | Sample Qu: | |
| Lab ID: | 20333542 | Matrix: | Soil | % Moisture: | Not Corrected |
| Description: | None | Prep Level: | Soil | Batch: | 54514 |
| Method: | SW 8015B Louisiana RECAP 2003 Extractable TPH | Units: | mg/kg | Target List: | TPH2003LOW |
| | | Collected: | 01/04/05 | Received: | 01/05/05 |
| Prep Factor: 1 | Leached: n/a | Prepared: | 01/05/05 | Analyzed: | 01/06/05 15:27 DGS |

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C28) | 1 | ND | | 10.0 | 65.0 |

1 compound(s) reported

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|---|---|---|---|---|---|
| | | Client: | Jacobsen Specialty Services | | |
| Client ID: | SE TANK | Site: | None | | |
| Project: | N.O. SEWERAGE & WATER BOARD | Project No.: | 2043985 | Sample Qu: | |
| Lab ID: | 20333543 | Matrix: | Soil | % Moisture: | Not Corrected |
| Description: | None | Prep Level: | Soil | Batch: | 54514 |
| Method: | SW 8015B Louisiana RECAP 2003 Extractable TPH | Units: | mg/kg | Target List: | TPH2003LOW |
| | | Collected: | 01/04/05 | Received: | 01/05/05 |
| Prep Factor: 1 | Leached: n/a | Prepared: | 01/05/05 | Analyzed: | 01/06/05 15:49 DGS |

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C28) | 1 | ND | | 10.0 | 65.0 |

1 compound(s) reported

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Fax: 504.469.0555

**Client:** Jacobsen Specialty Services

**Client ID:** BF-1 | **Site:** None

**Project:** N.O. SEWERAGE & WATER BOARD | **Project No.:** 2043985 | **Sample Qu:**

**Lab ID:** 20333544 | **Matrix:** Soil | **% Moisture:** Not Corrected

**Description:** None | **Prep Level:** Soil | **Batch:** 54514

**Method:** SW 8015B Louisiana RECAP 2003 Extractable TPH | **Units:** mg/kg | **Target List:** TPH2003LOW

**Collected:** 01/04/05 | **Received:** 01/05/05

**Prep Factor:** 1 | **Leached:** n/a | **Prepared:** 01/05/05 | **Analyzed:** 01/06/05 16:11 DGS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C28) | 1 | 117 | | 10.0 | 65.0 |

1 compound(s) reported

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Phone: 504.469.0333
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**Client:** Jacobsen Specialty Services

**Client ID:** BF-2
**Site:** None
**Project:** N.O. SEWERAGE & WATER BOARD
**Project No.:** 2043985
**Sample Qu:**
**Lab ID:** 20333545
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 54514
**Method:** SW 8015B Louisiana RECAP 2003 Extractable TPH
**Units:** mg/kg
**Target List:** TPH2003LOW
**Collected:** 01/04/05
**Received:** 01/05/05
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 01/05/05
**Analyzed:** 01/07/05 10:31 DGS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C28) | 10 | 3790 | D1 | 100. | 65.0 |

1 compound(s) reported

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# Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Method:** Med Soil GC/MS Semivolatile Organics **Project:** 2043985

**Batch:** 54513 **LCS:** 54313S3 1/7/2005 3:03:00 PM

**Units:** ug/kg **MS:**

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobenzene | 50000 | 83 | | | 25000 | | | | | 38 - 96 | 23 - 102 | 50 | |
| Hexachlorobutadiene | 50000 | 87 | | | 25000 | | | | | 37 - 93 | 31 - 98 | 50 | |
| Hexachloroethane | 50000 | 78 | | | 25000 | | | | | 31 - 92 | 0 - 131 | 50 | |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

1/11/2005 11:35:10

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
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# Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Method:** Low Soil GC/MS Semivolatile Organics **Project:** 2043985

**Batch:** 54513 **LCS:** 54513S1 1/5/2005 1:17:00 PM

**Units:** ug/kg **MS:** 54513MS 1/5/2005 1:54:00 PM

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1660 | 73 | | | 1660 | 53 | 69 | 16 | | 53 - 104 | 31 - 137 | 50 | |
| Acenaphthylene | 1660 | 72 | | | 1660 | 72 | 79 | 10 | | 58 - 102 | 50 - 102 | 50 | |
| Anthracene | 1660 | 76 | | | 1660 | 62 | 66 | 5 | | 60 - 106 | 50 - 108 | 50 | |
| Benzo(a)anthracene | 1660 | 71 | | | 1660 | 66 | 70 | 5 | | 60 - 106 | 50 - 115 | 50 | |
| Benzo(b)fluoranthene | 1660 | 73 | | | 1660 | 66 | 75 | 13 | | 50 - 124 | 50 - 141 | 50 | |
| Benzo(k)fluoranthene | 1660 | 75 | | | 1660 | 69 | 72 | 4 | | 50 - 121 | 50 - 134 | 50 | |
| Benzo(a)pyrene | 1660 | 75 | | | 1660 | 69 | 72 | 4 | | 62 - 114 | 50 - 124 | 50 | |
| Benzoic acid | 1660 | 62 | | | 1660 | 45 * | 57 | 25 | | 50 - 148 | 50 - 129 | 50 | Q1 |
| Chrysene | 1660 | 66 | | | 1660 | 59 | 63 | 7 | | 58 - 106 | 50 - 115 | 50 | |
| Benzo(g,h,i)perylene | 1660 | 68 | | | 1660 | 59 | 55 | 8 | | 50 - 127 | 50 - 117 | 50 | |
| Dibenz(a,h)anthracene | 1660 | 66 | | | 1660 | 58 | 55 | 5 | | 50 - 126 | 50 - 115 | 50 | |
| Fluoranthene | 1660 | 83 | | | 1660 | 82 | 81 | 1 | | 59 - 110 | 50 - 126 | 50 | |
| Benzyl alcohol | 1660 | 73 | | | 1660 | 63 | 67 | 6 | | 50 - 101 | 50 - 108 | 50 | |
| Fluorene | 1660 | 72 | | | 1660 | 52 | 70 | 17 | | 58 - 106 | 50 - 112 | 50 | |
| 4-Bromophenyl-phenylether | 1660 | 76 | | | 1660 | 67 | 72 | 6 | | 58 - 100 | 50 - 101 | 50 | |
| Indeno(1,2,3-cd)pyrene | 1660 | 68 | | | 1660 | 59 | 57 | 5 | | 50 - 123 | 50 - 113 | 50 | |
| Butylbenzylphthalate | 1660 | 66 | | | 1660 | 58 | 57 | 1 | | 58 - 119 | 50 - 135 | 50 | |
| 2-Methylphenol (o-Cresol) | 1660 | 78 | | | 1660 | 63 | 66 | 6 | | 54 - 100 | 50 - 101 | 50 | |
| 4-Chloroaniline (p-Chloroaniline) | 1660 | 60 | | | 1660 | 47 * | 57 | 20 | | 50 - 88 | 50 - 88 | 50 | Q1 |
| 4-Methylphenol (p-Cresol) | 1660 | 87 | | | 1660 | 71 | 77 | 7 | | 56 - 101 | 50 - 101 | 50 | |
| Carbazole | 1660 | 75 | | | 1660 | 64 | 63 | 2 | | 70 - 130 | 50 - 116 | | |
| Naphthalene | 1660 | 67 | | | 1660 | 0 * | 56 | 200 * | | 50 - 98 | 50 - 103 | 50 | Q1 |
| bis(2-Chloroethoxy)methane | 1660 | 72 | | | 1660 | 63 | 67 | 7 | | 53 - 97 | 50 - 98 | 50 | |
| Phenol | 1660 | 77 | | | 1660 | 66 | 69 | 5 | | 50 - 106 | 26 - 90 | 50 | |
| bis(2-Chloroethyl) ether | 1660 | 69 | | | 1660 | 60 | 63 | 4 | | 50 - 94 | 50 - 95 | 50 | |
| Pyrene | 1660 | 64 | | | 1660 | 48 | 68 | 27 | | 55 - 109 | 35 - 142 | 50 | |
| 2,2'-oxybis(1-Chloropropane) | 1660 | 67 | | | 1660 | 59 | 60 | 2 | | 50 - 102 | 50 - 100 | 50 | |
| 4-Chloro-3-methylphenol (p-Chloro-m- | 1660 | 82 | | | 1660 | 59 | 72 | 19 | | 50 - 114 | 50 - 116 | 50 | |
| 2-Chloronaphthalene | 1660 | 72 | | | 1660 | 66 | 63 | 5 | | 50 - 100 | 50 - 99 | 50 | |
| 2-Chlorophenol (o-Chlorophenol) | 1660 | 76 | | | 1660 | 66 | 70 | 6 | | 50 - 103 | 25 - 102 | 50 | |
| 4-Chlorophenyl phenyl ether | 1660 | 74 | | | 1660 | 70 | 83 | 16 | | 56 - 106 | 50 - 109 | 50 | |
| Dibenzofuran | 1660 | 72 | | | 1660 | 78 | 83 | 6 | | 58 - 103 | 50 - 108 | 50 | |
| Di-n-butylphthalate | 1660 | 73 | | | 1660 | 71 | 64 | 11 | | 59 - 112 | 50 - 120 | 50 | |
| 1,2-Dichlorobenzene (o-Dichlorobenze | 1660 | 76 | | | 1660 | 68 | 71 | 4 | | 50 - 88 | 50 - 94 | 50 | |
| 1,3-Dichlorobenzene (m-Dichlorobenz | 1660 | 75 | | | 1660 | 67 | 70 | 5 | | 50 - 85 | 50 - 81 | 50 | |
| 1,4-Dichlorobenzene (p-Dichlorobenze | 1660 | 75 | | | 1660 | 68 | 71 | 4 | | 50 - 86 | 50 - 93 | 50 | |
| 3,3'-Dichlorobenzidine | 1660 | 73 | | | 1660 | 70 | 69 | 1 | | 50 - 111 | 50 - 115 | 50 | |
| 2,4-Dichlorophenol | 1660 | 80 | | | 1660 | 70 | 77 | 10 | | 58 - 102 | 50 - 111 | 50 | |
| Diethylphthalate | 1660 | 76 | | | 1660 | 53 | 53 | 0 | | 58 - 109 | 50 - 110 | 50 | |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

1/11/2005 11:35:10

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EOB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

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**Method:** Low Soil GC/MS Semivolatile Organics **Project:** 2043985

**Batch:** 54513 **LCS:** 54513S1 1/5/2005 1:17:00 PM

**Units:** ug/kg **MS:** 54513MS 1/5/2005 1:54:00 PM

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | 1660 | 80 | | | 1660 | 66 | 73 | 10 | | 50 - 102 | 50 - 104 | 50 | |
| Dimethylphthalate | 1660 | 75 | | | 1660 | 58 | 58 | 0 | | 59 - 104 | 50 - 105 | 50 | |
| 4,6-Dinitro-2-methylphenol (4,6-Dinitr | 1660 | 62 | | | 1660 | 53 | 50 | 7 | | 50 - 117 | 50 - 120 | 50 | |
| 2,4-Dinitrophenol | 1660 | 51 | | | 1660 | 40 * | 15 * | 91 * | | 50 - 127 | 50 - 121 | 50 | Q1 |
| 2,4-Dinitrotoluene | 1660 | 73 | | | 1660 | 84 | 87 | 4 | | 61 - 113 | 28 - 89 | 50 | |
| 2,6-Dinitrotoluene | 1660 | 77 | | | 1660 | 61 | 67 | 9 | | 58 - 111 | 50 - 114 | 50 | |
| Di-n-octylphthalate | 1660 | 70 | | | 1660 | 69 | 68 | 1 | | 50 - 133 | 50 - 150 | 50 | |
| bis(2-Ethylhexyl)phthalate | 1660 | 72 | | | 1660 | 71 | 63 | 12 | | 61 - 117 | 50 - 147 | 50 | |
| Hexachlorobenzene | 1660 | 75 | | | 1660 | 70 | 74 | 6 | | 55 - 107 | 50 - 107 | 50 | |
| Hexachlorobutadiene | 1660 | 77 | | | 1660 | 77 | 88 | 14 | | 50 - 100 | 50 - 103 | 50 | |
| Hexachlorocyclopentadiene | 1660 | 56 | | | 1660 | 18 * | 19 * | 6 | | 50 - 107 | 50 - 99 | 50 | Q1 |
| Hexachloroethane | 1660 | 73 | | | 1660 | 59 | 60 | 2 | | 50 - 87 | 50 - 96 | 50 | |
| Isophorone | 1660 | 75 | | | 1660 | 70 | 81 | 14 | | 55 - 106 | 50 - 105 | 50 | |
| 2-Methylnaphthalene | 1660 | 77 | | | 1660 | 0 * | 30 * | 200 * | | 54 - 102 | 50 - 113 | 50 | Q3 |
| 2-Nitroaniline (o-Nitroaniline) | 1660 | 67 | | | 1660 | 60 | 50 | 18 | | 54 - 114 | 50 - 113 | 50 | |
| 3-Nitroaniline (m-Nitroaniline) | 1660 | 94 | | | 1660 | 79 | 78 | 2 | | 50 - 99 | 50 - 101 | 50 | |
| 4-Nitroaniline (p-Nitroaniline) | 1660 | 87 | | | 1660 | 59 | 66 | 11 | | 50 - 117 | 50 - 118 | 50 | |
| Nitrobenzene | 1660 | 73 | | | 1660 | 66 | 70 | 6 | | 50 - 99 | 50 - 101 | 50 | |
| 2-Nitrophenol (o-Nitrophenol) | 1660 | 75 | | | 1660 | 70 | 77 | 10 | | 53 - 101 | 50 - 106 | 50 | |
| 4-Nitrophenol (p-Nitrophenol) | 1660 | 82 | | | 1660 | 70 | 57 | 21 | | 50 - 133 | 11 - 114 | 50 | |
| N-Nitroso-di-n-propylamine | 1660 | 77 | | | 1660 | 66 | 73 | 10 | | 50 - 99 | 41 - 126 | 50 | |
| N-Nitrosodiphenylamine (Diphenylami | 1660 | 80 | | | 1660 | 117 | 151 * | 25 | | 55 - 104 | 50 - 136 | 50 | |
| Pentachlorophenol | 1660 | 72 | | | 1660 | 64 | 69 | 8 | | 50 - 115 | 17 - 109 | 50 | |
| Phenanthrene | 1660 | 75 | | | 1660 | 43 * | 57 | 8 | | 60 - 103 | 50 - 122 | 50 | Q1 |
| 1,2,4-Trichlorobenzene | 1660 | 75 | | | 1660 | 70 | 78 | 11 | | 50 - 100 | 50 - 99 | 50 | |
| 2,4,5-Trichlorophenol | 1660 | 75 | | | 1660 | 68 | 64 | 5 | | 58 - 104 | 50 - 106 | 50 | |
| 2,4,6-Trichlorophenol | 1660 | 69 | | | 1660 | 66 | 70 | 6 | | 57 - 104 | 50 - 104 | 50 | |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

1/11/2005 11:35:10

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Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
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Phone: 504.469.0333
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**Method:** Low Soil GC/MS Semivolatile Organics **Project:** 2043985

**Batch:** 54513 **LCS:** 54513S2 1/7/2005 12:05:00 PM

**Units:** ug/kg **MS:**

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1660 | 69 | | | 1660 | | | | | 53 - 104 | 31 - 137 | 50 | |
| Anthracene | 1660 | 66 | | | 1660 | | | | | 60 - 106 | 50 - 108 | 50 | |
| Benzo(a)anthracene | 1660 | 61 | | | 1660 | | | | | 60 - 106 | 50 - 115 | 50 | |
| Benzo(b)fluoranthene | 1660 | 61 | | | 1660 | | | | | 50 - 124 | 50 - 141 | 50 | |
| Benzo(k)fluoranthene | 1660 | 60 | | | 1660 | | | | | 50 - 121 | 50 - 134 | 50 | |
| Benzo(a)pyrene | 1660 | 67 | | | 1660 | | | | | 62 - 114 | 50 - 124 | 50 | |
| Chrysene | 1660 | 60 | | | 1660 | | | | | 58 - 106 | 50 - 115 | 50 | |
| Dibenz(a,h)anthracene | 1660 | 67 | | | 1660 | | | | | 50 - 126 | 50 - 115 | 50 | |
| Fluoranthene | 1660 | 70 | | | 1660 | | | | | 59 - 110 | 50 - 126 | 50 | |
| Fluorene | 1660 | 67 | | | 1660 | | | | | 58 - 106 | 50 - 112 | 50 | |
| Indeno(1,2,3-cd)pyrene | 1660 | 65 | | | 1660 | | | | | 50 - 123 | 50 - 113 | 50 | |
| Naphthalene | 1660 | 69 | | | 1660 | | | | | 50 - 98 | 50 - 103 | 50 | |
| Pyrene | 1660 | 60 | | | 1660 | | | | | 55 - 109 | 35 - 142 | 50 | |
| Acenaphthylene | 1660 | 66 | | | 1660 | | | | | 58 - 102 | 50 - 102 | 50 | |
| 2-Methylnaphthalene | 1660 | 67 | | | 1660 | | | | | 54 - 102 | 50 - 113 | 50 | |
| Phenanthrene | 1660 | 66 | | | 1660 | | | | | 60 - 103 | 50 - 122 | 50 | |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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New Orleans Laboratory

# Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Report:** 2043985

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 54513

| Lab ID | Type and Qualifiers | Sur 1 %Rec | Sur 2 %Rec | Sur 3 %Rec | Sur 4 %Rec | Sur 5 %Rec | Sur 6 %Rec | Sur 7 %Rec | Sur 8 %Rec |
|---|---|---|---|---|---|---|---|---|---|
| 20333217 | Sample | 61 | 65 | 42 | 54 | 52 | 58 | | |
| 20333218 | Sample | 64 | 66 | 51 | 61 | 57 | 62 | | |
| 20333219 | Sample | 52 | 57 | 36 | 44 | 43 | 48 | | |
| 20333220 | Sample | 71 | 66 | 58 | 59 | 55 | 57 | | |
| 20333221 | Sample | 63 | 70 | 45 | 56 | 55 | 67 | | |
| 20333226 | Sample | 66 | 67 | 51 | 65 | 61 | 69 | | |
| 20333227 | Sample | 66 | 65 | 54 | 55 | 52 | 60 | | |
| 20333537 | Sample | 72 | 78 | 54 | 58 | 58 | 75 | | |
| 20333541 | Sample | 74 | 78 | 56 | 56 | 56 | 80 | | |
| 20333542 | Sample | 66 | 69 | 60 | 55 | 54 | 76 | | |
| 20333543 | Sample | 73 | 78 | 72 | 61 | 60 | 84 | | |
| 20333544 | Sample | 63 | 71 | 80 | 60 | 59 | 78 | | |
| 20333544DL | Dilution D1 | 67 | 78 | 74 | 58 | 58 | 79 | | |
| 20333545 | Sample D2 | 107 | 83 | 62 | 53 | 60 | 65 | | |
| 20333903 | Sample D1 P5 | 74 | 79 | 57 | 68 | 66 | 62 | | |
| 20333903DL | Dilution D1 P5 | 77 | 86 | 62 | 72 | 71 | 52 | | |
| 54313B3N | Sample | 68 | 73 | 56 | 59 | 58 | 65 | | |
| 54313S3 | Sample | 77 | 84 | 57 | 62 | 65 | 81 | | |
| 54513B1N | Blank | 69 | 75 | 53 | 61 | 61 | 63 | | |
| 54513B2B | Blank | 70 | 74 | 53 | 54 | 54 | 66 | | |
| 54513MS | Spike | 67 | 70 | 50 | 55 | 54 | 60 | | |
| 54513MSD | Spike Dup | 74 | 69 | 63 | 60 | 58 | 62 | | |
| 54513S1 | LCS | 74 | 75 | 59 | 67 | 66 | 73 | | |
| 54513S2 | LCS | 70 | 73 | 50 | 49 | 53 | 64 | | |
| QC limits: | | 30-118 | 30-124 | 30-145 | 30-106 | 30-112 | 30-128 | | |

Sur 1: Nitrobenzene-d5 (S)
Sur 2: 2-Fluorobiphenyl (S)
Sur 3: Terphenyl-d14 (S)
Sur 4: Phenol-d5 (S)
Sur 5: 2-Fluorophenol (S)
Sur 6: 2,4,6-Tribromophenol (S)

* denotes surrogate recovery outside of QC limits.
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

1/11/2005 11:35:11

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
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Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
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U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

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New Orleans Laboratory

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Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 54513B1N

**Description:** Low Soil Method Blan **Project No.:** 2043985

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 54513 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 04-Jan-05 **Analyzed:** 05-Jan-05 12:40 JAM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 330. |
| 208-96-8 | Acenaphthylene | 1 | ND | | 330. |
| 120-12-7 | Anthracene | 1 | ND | | 330. |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 330. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 330. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 330. |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 330. |
| 65-85-0 | Benzoic acid | 1 | ND | A99 | 830. |
| 191-24-2 | Benzo(g,h,i)perylene | 1 | ND | | 330. |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 330. |
| 100-51-6 | Benzyl alcohol | 1 | ND | A99 | 330. |
| 86-73-7 | Fluorene | 1 | ND | | 330. |
| 101-55-3 | 4-Bromophenyl-phenylether | 1 | ND | | 330. |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 330. |
| 85-68-7 | Butylbenzylphthalate | 1 | ND | | 330. |
| 95-48-7 | 2-Methylphenol (o-Cresol) | 1 | ND | | 330. |
| 106-47-8 | 4-Chloroaniline (p-Chloroaniline) | 1 | ND | | 330. |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 1 | ND | A7 | 330. |
| 86-74-8 | Carbazole | 1 | ND | | 330. |
| 91-20-3 | Naphthalene | 1 | ND | | 330. |
| 108-95-2 | Phenol | 1 | ND | | 330. |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1 | ND | | 330. |
| 111-44-4 | bis(2-Chloroethyl) ether | 1 | ND | | 330. |
| 129-00-0 | Pyrene | 1 | ND | | 330. |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | 1 | ND | | 330. |
| 59-50-7 | 4-Chloro-3-methylphenol (p-Chloro-m | 1 | ND | A99 | 330. |
| 91-58-7 | 2-Chloronaphthalene | 1 | ND | | 330. |
| 95-57-8 | 2-Chlorophenol (o-Chlorophenol) | 1 | ND | | 330. |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1 | ND | | 330. |
| 132-64-9 | Dibenzofuran | 1 | ND | | 330. |
| 84-74-2 | Di-n-butylphthalate | 1 | ND | | 330. |
| 95-50-1 | 1,2-Dichlorobenzene (o-Dichlorobenz | 1 | ND | | 330. |
| 541-73-1 | 1,3-Dichlorobenzene (m-Dichlorobenz | 1 | ND | | 330. |
| 106-46-7 | 1,4-Dichlorobenzene (p-Dichlorobenz | 1 | ND | | 330. |

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/11/2005 11:35:12

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

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Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 54513B1N

**Description:** Low Soil Method Blan **Project No.:** 2043985

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 54513 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 04-Jan-05 **Analyzed:** 05-Jan-05 12:40 JAM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 91-94-1 | 3,3'-Dichlorobenzidine | 1 | ND | A99 | 667. |
| 120-83-2 | 2,4-Dichlorophenol | 1 | ND | | 330. |
| 84-66-2 | Diethylphthalate | 1 | ND | | 330. |
| 105-67-9 | 2,4-Dimethylphenol | 1 | ND | | 330. |
| 131-11-3 | Dimethylphthalate | 1 | ND | | 330. |
| 534-52-1 | 4,6-Dinitro-2-methylphenol (4,6-Din | 1 | ND | A99 | 830. |
| 51-28-5 | 2,4-Dinitrophenol | 1 | ND | A99 | 830. |
| 121-14-2 | 2,4-Dinitrotoluene | 1 | ND | | 330. |
| 606-20-2 | 2,6-Dinitrotoluene | 1 | ND | | 330. |
| 117-84-0 | Di-n-octylphthalate | 1 | ND | | 330. |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1 | ND | | 330. |
| 118-74-1 | Hexachlorobenzene | 1 | ND | | 330. |
| 87-68-3 | Hexachlorobutadiene | 1 | ND | | 330. |
| 77-47-4 | Hexachlorocyclopentadiene | 1 | ND | A99 | 330. |
| 67-72-1 | Hexachloroethane | 1 | ND | | 330. |
| 78-59-1 | Isophorone | 1 | ND | | 330. |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 330. |
| 88-74-4 | 2-Nitroaniline (o-Nitroaniline) | 1 | ND | A99 | 330. |
| 99-09-2 | 3-Nitroaniline (m-Nitroaniline) | 1 | ND | A99 | 830. |
| 100-01-6 | 4-Nitroaniline (p-Nitroaniline) | 1 | ND | A99 | 830. |
| 98-95-3 | Nitrobenzene | 1 | ND | | 330. |
| 88-75-5 | 2-Nitrophenol (o-Nitrophenol) | 1 | ND | | 330. |
| 100-02-7 | 4-Nitrophenol (p-Nitrophenol) | 1 | ND | A99 | 830. |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1 | ND | | 330. |
| 86-30-6 | N-Nitrosodiphenylamine (Diphenylami | 1 | ND | A10 | 330. |
| 87-86-5 | Pentachlorophenol | 1 | ND | A99 | 830. |
| 85-01-8 | Phenanthrene | 1 | ND | | 330. |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1 | ND | | 330. |
| 95-95-4 | 2,4,5-Trichlorophenol | 1 | ND | | 830. |
| 88-06-2 | 2,4,6-Trichlorophenol | 1 | ND | | 330. |

66 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/11/2005 11:35:12

Laboratory Certifications:
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LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

Pace Analytical™
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 54513B2B

**Description:** Low Soil Method Blan **Project No.:** 2043985

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 54513 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 06-Jan-05 **Analyzed:** 07-Jan-05 11:29 JAM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 330. |
| 120-12-7 | Anthracene | 1 | ND | | 330. |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 330. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 330. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 330. |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 330. |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 330. |
| 86-73-7 | Fluorene | 1 | ND | | 330. |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 330. |
| 91-20-3 | Naphthalene | 1 | ND | | 330. |
| 129-00-0 | Pyrene | 1 | ND | | 330. |
| 208-96-8 | Acenaphthylene | 1 | ND | | 330. |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 330. |
| 85-01-8 | Phenanthrene | 1 | ND | | 330. |

16 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/11/2005 11:35:12

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Method:** Low Soil GC Organics **Project:** 2043985

**Batch:** 54514 **LCS:** 54514S1 1/5/2005 1:29:00 PM

**Units:** mg/kg **MS:** 54514MS 1/5/2005 3:40:00 PM

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH - Diesel Range Organics (C10-C2 | 40 | 85 | | | 40 | 857 * | 1150 * | 8 | | 56 - 138 | 0 - 178 | 50 | Q3 |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

1/11/2005 11:35:12

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EOB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Method:** Low Soil GC Organics

**Project:** 2043985

**Batch:** 54514 **LCS:** 54514S2 1/6/2005 12:05:00 PM

**Units:** mg/kg **MS:**

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH - Diesel Range Organics (C10-C2 | 40 | 101 | | | 40 | | | | | 56 - 138 | 0 - 178 | 50 | |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

1/11/2005 11:35:12

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Report:** 2043985

**Method:** Low Soil GC Organics

**Batch:** 54514

| Lab ID | Type and Qualifiers | Sur 1 %Rec | Sur 2 %Rec | Sur 3 %Rec | Sur 4 %Rec | Sur 5 %Rec | Sur 6 %Rec | Sur 7 %Rec | Sur 8 %Rec |
|---|---|---|---|---|---|---|---|---|---|
| 20333217 | Sample | 92 | | | | | | | |
| 20333218 | Sample | 104 | | | | | | | |
| 20333219 | Sample | 112 | | | | | | | |
| 20333220 | Sample | 79 | | | | | | | |
| 20333221 | Sample | 107 | | | | | | | |
| 20333226 | Sample | 89 | | | | | | | |
| 20333227 | Sample | 118 | | | | | | | |
| 20333537 | Sample | 74 | | | | | | | |
| 20333541 | Sample | 88 | | | | | | | |
| 20333542 | Sample | 103 | | | | | | | |
| 20333543 | Sample | 99 | | | | | | | |
| 20333544 | Sample | 97 | | | | | | | |
| 20333545 | Sample D1 | 0D | | | | | | | |
| 20333626 | Sample | 107 | | | | | | | |
| 20333627 | Sample | 82 | | | | | | | |
| 20333628 | Sample | 99 | | | | | | | |
| 20333629 | Sample | 95 | | | | | | | |
| 20333630 | Sample | 105 | | | | | | | |
| 20333631 | Sample | 99 | | | | | | | |
| 54514B1 | Blank | 104 | | | | | | | |
| 54514B2 | Blank | 104 | | | | | | | |
| 54514MS | Spike | 96 | | | | | | | |
| 54514MSD | Spike Dup | 106 | | | | | | | |
| 54514S1 | LCS | 105 | | | | | | | |
| 54514S2 | LCS | 104 | | | | | | | |
| | QC limits: | 40-140 | | | | | | | |

Sur 1: o-Terphenyl (S)

* denotes surrogate recovery outside of QC limits.
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

1/11/2005 11:35:13

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

Pace Analytical™
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 54514B1

**Description:** Low Soil Method Blan **Project No.:** 2043985

**Method:** Low Soil GC Organics **Batch:** 54514 **Units:** mg/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 04-Jan-05 **Analyzed:** 05-Jan-05 13:07 DGS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C2 | 1 | ND | | 10.0 |

1 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/11/2005 11:35:14

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 54514B2

**Description:** Low Soil Method Blan **Project No.:** 2043985

**Method:** Low Soil GC Organics **Batch:** 54514 **Units:** mg/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 05-Jan-05 **Analyzed:** 06-Jan-05 11:43 DGS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| | TPH - Diesel Range Organics (C10-C2 | 1 | ND | | 10.0 |

1 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/11/2005 11:35:14

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EQB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report Qualifiers

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Project No.: 2043985**

### Analyte Qualifiers

| Qualifier | Qualifier Description |
|---|---|
| A7 | 3-Methylphenol and 4-methylphenol coelute under the conditions used for analysis, therefore the precise isomer in the sample cannot be determined. The sample concentration is arbitrarily reported as 4-methylphenol. |
| A10 | N-Nitrosodiphenylamine is reported as diphenylamine. |
| A99 | This analyte is a poor performer by this method. The QC recovery data for this analyte may be poor or erratic as demonstrated by a performance-based statistical evaluation. |

### General Qualifiers

| Qualifier | Qualifier Description |
|---|---|
| D1 | The analysis was performed at a dilution due to the high analyte concentration. |
| D2 | The analysis was performed at a dilution due to the presence of matrix interferences. |

### QC Qualifiers

| Qualifier | Qualifier Description |
|---|---|
| Q1 | The matrix spike recoveries are poor. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample recovery. |
| Q3 | The matrix spike recoveries are poor due to the presence of this analyte in the sample at a concentration greater than 4 times the spiked amount. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample. |



Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA 030013
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
LELAP (NELAP WW/HZ) - 02006
EOB - Certified Puerto Rico Chemist
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical

# CHAIN-OF-CUSTODY / Analytical Request Document

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

547580

Page: 1 of 1

**Required Client Information: Section A**

Company: Jacobsen Spec Serv
Address: P.O. Box 947
Westwego LA. 70094
Phone: 341-7717 Fax: 3406699

**Required Client Information: Section B**

Report To: George Jacobsen
Invoice To: Jacobsen Spec Serv
P.O.: 1942
Project Name: New Orleans Sewerage & B.
Project Number:

Client Information (Check quote/contract):
Requested Due Date: *TAT:

* Turn around times less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

**To Be Completed by Pace Analytical and Client: Section C**

Quote Reference:
Project Manager:
Project #: 2043985
Profile #:
Requested Analysis: TPH-DRO, PAHs

**Section D** Required Client Information:

Valid Matrix Codes: MATRIX / CODE — WATER WT, SOIL SL, OIL OL, WIPE WP, AIR AR, TISSUE TS, OTHER OT

| ITEM # | SAMPLE ID (One character per box. (A–Z, 0–9 / .–) Sample IDs MUST BE UNIQUE) | MATRIX CODE | DATE COLLECTED mm / dd / yy | TIME COLLECTED hh: mm a/p | # Containers | Preservatives: Unpreserved | $H_2SO_4$ | $HNO_3$ | HCl | NaOH | $Na_2S_2O_3$ | TPH-DRO | PAHs | Remarks / Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NE TANK | SL | 1-4-05 | 4:55PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 2 | NW TANK | SL | 1-4-05 | 4:45PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 3 | SW TANK | SL | 1-4-05 | 4:40PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 4 | SE TANK | SL | 1-4-05 | 4:35PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 5 | BF-1 | SL | 1-4-05 | 5:05PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 6 | BF-2 | SL | 1-4-05 | 5:10PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |

| Sample Condition | | Sample Notes | Item No. | Relinquished By / Company | Date | Time | Accepted By / Company | Date | Time |
|---|---|---|---|---|---|---|---|---|---|
| Temp in °C: | 6 | | | [signature] | 1-5-05 | 1031 | Theresa Finch | 1-5-05 | 1035 |
| Received on ICE: | Y / N | | | | | | | | |
| Sealed Cooler: | Y / N | | | | | | | | |
| Samples Intact: | Y / N | | | | | | | | |

Additional Comments:

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: George Jacobsen
SIGNATURE of SAMPLER: [signature]
DATE Signed: (MM / DD / YY) 1-6-05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical

# CHAIN-OF-CUSTODY / Analytical Request Document

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

547580

Page: 1 of 1

**Section A** — Required Client Information:

Company: Jacobsen Spec Serv
Address: P.O. Box 947
Westwego LA.
70094
Phone: 341-7217 Fax: 3406699

**Section B** — Required Client Information:

Report To: George Jacobsen
Invoice To: Jacobsen Spec Serv
P.O.: 1942
Project Name: New Orleans Shipyard
Project Number:

Client Information (Check quote/contract):
Requested Due Date: *TAT:

* Turn around times less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

**Section C** — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager:
Project #:
Profile #:

**Section D** — Required Client Information:

SAMPLE ID
One character per box.
(A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

| MATRIX | CODE |
|---|---|
| WATER | WT |
| SOIL | SL |
| OIL | OL |
| WIPE | WP |
| AIR | AR |
| TISSUE | TS |
| OTHER | OT |

Requested Analysis: TPH-DRO, PAHs

| ITEM # | SAMPLE ID | MATRIX CODE | DATE COLLECTED (mm / dd / yy) | TIME COLLECTED (hh: mm a/p) | # Containers | Preservatives: Unpreserved | $H_2SO_4$ | $HNO_3$ | HCl | NaOH | $Na_2S_2O_3$ | TPH-DRO | PAHs | Remarks / Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NE TANK | SL | 1-4-05 | 4:55PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 2 | NW TANK | SL | 1-4-05 | 4:45PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 3 | SW TANK | SL | 1-4-05 | 4:40PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 4 | SE TANK | SL | 1-4-05 | 4:35PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 5 | BF-1 | SL | 1-4-05 | 5:05PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 6 | BF-2 | SL | 1-4-05 | 5:10PM | 1 | ✓ | | | | | | ✓ | ✓ | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |

| Sample Condition | | Sample Notes | Item No. | Relinquished By / Company | Date | Time | Accepted By / Company | Date | Time |
|---|---|---|---|---|---|---|---|---|---|
| Temp in °C: | | | | | 1-5-05 | 1:30 | Melissa Tuck | 1-5 | 1:30 |
| Received on ICE: | Y / N | | | | | | | | |
| Sealed Cooler: | Y / N | | | | | | | | |
| Samples Intact: | Y / N | | | | | | | | |

**Additional Comments:**

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: George Jacobsen
SIGNATURE of SAMPLER:
DATE Signed: (MM / DD / YY) 1-6-05

SEE REVERSE SIDE FOR INSTRUCTIONS

Vacuum Services, Inc.

# NON-HAZARDOUS MANIFEST

WWD

**Truck Ticket #:** 5224

## GENERATOR

**Generator** Sewage & Water Board

**Shipping Location**

**Address** 2700 People's Ave
New Orleans, La

**Phone** 504-341-7217

**LOUISIANA DEQ SOLID WATER DIVISION Identification #**

**Manifest Return Address:**

**Phone**

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| Diesel, sludge, and Water | | | 1200 | G | Tanker |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable law and regulations.

Generator Authorized Agent Name (Print) | Signature | Delivery Date 1-4-04

## TRANSPORTER

**LADEQ Transporter I.D. #** 855228634

**Transporter Name** A&L Vacuum Service

**Address** 2270 W. Airline Hwy
Reserve, La 70068

**Driver Name (Print)** Jason F. Ramos

**Truck Number** W-112

**Truck Type** Tandem Tanker

I herby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

Driver Signature | Shipment Date 1-04-05

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature | Delivery Date 1-04-05

## DESTINATION

**Site Name**

**Address**

**LADEQ Facility #**

**LADEQ Permit #**

**Phone #**

I hereby acknowledge receipt of the above-described materials.

Scott Falgout
Name of Authorized Agent (Print)

Scott Falgout
Signature

Receipt Date 1-04-05

87224

A3M THREE
Vacuum Service, Inc.
P.O. Box 727
LaPlace, La. 70069
(985) 536-7448

| | |
|---|---|
| DATE: 1-4-05 | |
| A3M #: 25019 | |
| CUSTOMER #: | |
| REQ. #: | |

Cabin Specialties

TO: Dave Alcee STATE: La ZIP:

JOB LOCATION: Tempe and cat board

SERVICE PERFORMED: Vac and Pump tank

| TIME | GENERAL DESCRIPTION OF WORK BEING PERFORMED |
|---|---|
| | |
| | |
| | |
| | |

| CLASS | NAME | START | STOP | TOTAL HOURS | STRAIGHT HOURS | RATE | A TOTAL AMOUNT | A OVERTIME HOURS | B RATE | B TOTAL AMOUNT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OCM | Ellis N | 8:00 A | 5:45 P | 9 3/4 | | 16.50 | | | | | 160.88 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |

TOTAL AMOUNT COLUMNS A & B 160.88

DRIVER

| | |
|---|---|
| LEFT TERMINAL | AM/PM |
| Plant | 8:00 |
| ARRIVE LOADING POINT | AM/PM |
| Tank 12 | 9:30 |
| LEFT LOADING POINT | AM/PM |
| Sub 63 | 3:15 |
| ARRIVE DELIVERY POINT | AM/PM |
| WWD | 4:15 |
| LEFT DELIVERY POINT | AM/PM |
| WWD | 5:15 |
| RETURN TO TERMINAL | AM/PM |
| A3M | 5:45 |

| COLUMN C | | | | COLUMN D | | | |
|---|---|---|---|---|---|---|---|
| TRUCK, GEAR/PICKUP | | | | FULL ACID SUIT | | | |
| VAC TRUCK # | 9 3/4 | 80.00 | 780 | PORTABLE TANKS | | | |
| VAC TRUCK # | | | | CYCLONE SEPARATOR | | | |
| VAC TRUCK # | | | | BOOM TRUCK | | | |
| BULL DOZER | | | | FMC Unit | | | |
| BACK HOE | | | | 2 man plows | 2 | 75.00 | 150.00 |
| AIR COMPRESSOR | | | | Disposal of | | | |
| FMC UNIT | | | | 1200 gallons | 1200 | .20¢ | 240.00 |
| BLASTER-10,000 LB. | | | | | | | |
| BREATHING AIR FILTER | | | | | | | |
| TOTAL COLUMN C | | | 780.00 | TOTAL COLUMN D | | | 255.00 |

| | |
|---|---|
| TOTAL COLUMNS A,B,C,D | |
| TAX IF APPLICABLE | |
| TOTAL AMOUNT DUE | 1,195.88 |

LAD #985228634

LPSC#5895

PRINTED NAME:

APPROVAL SIGNATURE:

BADGE #

# Southern Scrap Recycling

*Metal Recyclers Since 1900!*

Toll Free
(800) GO-SCRAP
(467-2727)

New Orleans East
4801 Florida Avenue
(504) 942-0340

Westwego
Highway 18 River Road
(504) 436-4061

Mid-City
2525 Lafitte Street
(504) 822-5561

Gulfport
10032 Southpark Drive
(228) 896-9094

## SCALE TICKET RECEIVING (COPY)

**Supplier:**

[104434]
ROBERT WALKER
5808 ST JOHN
MARRERO, LA 70072,

User-ID: donnab

| | |
|---|---|
| Page: | 1/1 |
| Ticket No.: | 1314891 |
| P/U Date: | 01/12/2005 |
| Dispatch Ticket: | |
| Container/Bin: | |
| Truck/Trailer: | RW |
| Carrier: | |
| Ref.No. | |

| Date | Time | Description | Weights |
|---|---|---|---|
| 01/12/2005 | 14:17:47 | Gross | 6,500 |
| 01/12/2005 | 14:27:07 | Tare | 4,440 |
| 01/12/2005 | 14:27:07 | Net | 2,060 |

**Material Breakdown and Adjustments:**

| Line | Net before | Adjustments | Tare Weights | Net Weights | Commodities | Internal |
|---|---|---|---|---|---|---|
| 01 | 2,060 | | | 2,060 | 5' P & S | 11-1 |
| | 2,060 | | 0 | 2,060 | | |

Comments:

1.47

Robert Walker

# UNDERGROUND STORAGE TANK DIVISION
## SITE DRAWING FORM

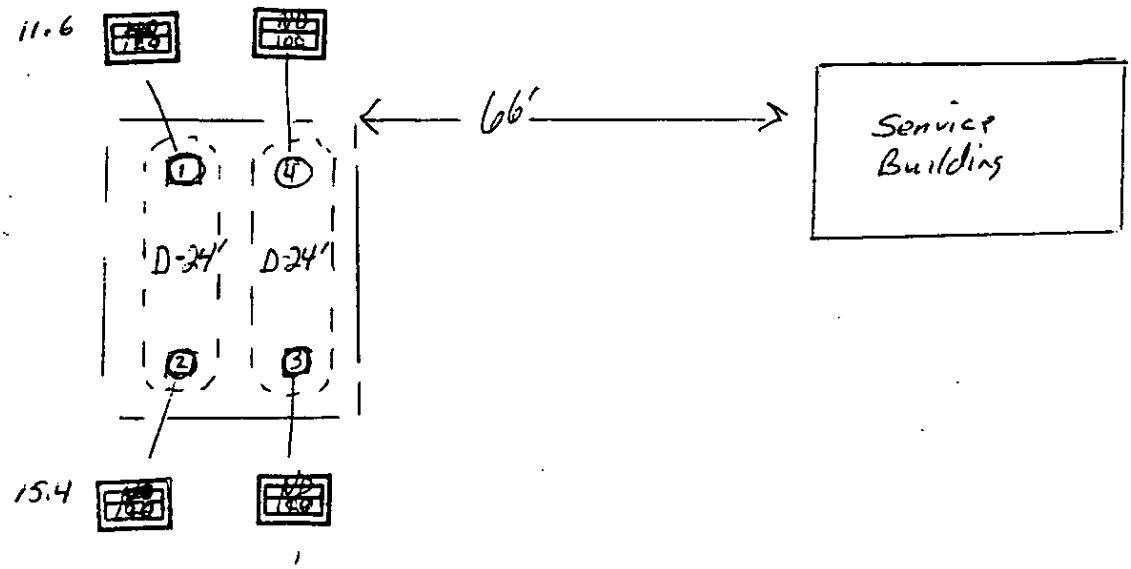
Name of Site: New Orleans Sewage + Water Bd.
Parish: Orleans
Facility Identification No. 36-008336

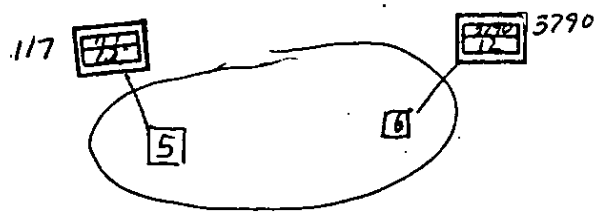
Total Number of Samples Collected - 6

Approximate Scale (in feet)

0 10 20 30

N




| | | | |
|---|---|---|---|
| 2.435 / 22" — Results of TPH-D (ppm) / Depth of Sample | Removed UST | | Dispenser Island |
| | Closed-In-Place UST | | Dispenser |
| 1.117 / 24" / 1.487 — Results of TPH-G (ppm) / Depth of Sample / Results of Total BTEX (ppm) | G - 27 ft. Tank Contained Diesel and is 27 ft. in length<br>D - 27 ft. Tank Contained Gasoline and is 27 ft. in length<br>U - 5 ft. Tank Contained Used Oil and is 5 ft. in length | | Tank Hold Area |
| 2.435 / 22" — Results of TPH-D (ppm) / Depth of Sample | Excavated Soils to be Returned to Hole | | ND - None Detectable |

(1) Indicates Assigned Sample No. and Sample Location Groundwater Encountered During Sampling

[9] Indicates Assigned Sample No. and Sample Location Groundwater NOT Encountered

BEST COPY OF THE NEXT 15 PAGES

**JACOBSEN SPECIALTY SERVICES, INC.**
83 Louisiana Street
WESTWEGO, LA 70094

(504) 341-7217

# Memo LETTER

Date 6-15-05

To LA DEQ
201 EVANS ROAD
BLDG 4 STE 420
NO, LA 70123-5230

JUN 16 2005

Subject N.O. SEWAGE & WATER BD.
MAIN YARD
2900 PEOPLES AVE
NO, LA 70122

ATTN: MR. DAVID FRAZER

Copies of Manifest as requested

SIGNED George Jacobsen Jr

☐ Please reply ☐ No reply necessary

JEFFERSON PARISH LANDFILL
I, THE DRIVER CERTIFY THAT THE
WASTE I DELIVERED ORIGINATED
IN JEFFERSON PARISH ONLY.

Manifest: 37691 Advf:
Origin: NA / Non Applicable
Generator: 81245 / New Orleans Sewerage
Transporter: NA / Non Applicable
Bill to: 2922 / Jacobsen Specialty
Gross: 114580 Lbs PB
Tare: 34840 Lbs KB
Net: 79740 Lbs

Date: 04/15/2005 Ticket: 868645
Time: 08:21 - 08:46
Grid: 04/11/2005 / N29-55.
Profile: 81245 / UST contaminated soil
Charge#:
P.O.:

Truck: CEI8 Trailer:
Post Office Box 947 Westwego, LA 70096
Tons: 39.87
Quantity: 1.00
Mixed %: 100.00

Comment:

| Wastes & Services | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|
| 678 / Liners | 1 | Other | $0.00 | $0.00 |
| 902TO / COMMERCIAL - OUT OF PARISH | 39.87 | Tons | $32.00 | $1275.84 |

Ticket Clerk: SHERRY VISOR

Trans Fee: $300.00
Total Amount: $1575.84

Weighmaster: _____ Driver: _____

37691

WASTE MANAGEMENT

# NON-HAZARDOUS MANIFEST

## GENERATOR

Generator New Orleans Sewage + Water Bd.

Shipping Location Main Yard

Address 2900 Peoples Ave

New Orleans LA. 70122

Phone 504-942-3879

LOUISIANA DEQ SOLID WASTE DIVISION

Identification # N/A

Manifest Return Address: Jacobsen Spec. Serv.

P.O. Box 947 Westwego LA 70184

Phone 504 3417217

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| [illegible] | N/A | 91245 | [illegible] | [illegible] | [illegible] |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable laws and regulations.

Generator Authorized Agent Name (Print) | Signature | Delivery Date

## TRANSPORTER

LADEQ Transporter I.D. # [illegible]

Transporter Name

Address

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

Driver Signature | Shipment Date 4.15.[illegible]

Driver Name (Print) [illegible]

Truck Number

Truck Type [illegible]

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature | Delivery Date

## DESTINATION

Site Name JEFFERSON PARISH LANDFILL

Address 5800 Hwy. 90 West

Avondale, LA 70094

LADEQ Facility # D-051-0090

LADEQ Permit # P-0297

Phone Number 504-436-0152

Disposal Location: North _____ East _____ Level _____

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (Print) | Signature | Receipt Date

White – Original  Canary – Disposer Retain  Pink – Transporter Retain  Goldenrod – Generator Retain  Green – Billing

JEFFERSON PARISH LANDFILL
I, THE DRIVER CERTIFY THAT THE
WASTE I DELIVERED ORIGINATED
IN JEFFERSON PARISH ONLY.

Manifest: 37689 Advf:
Origin: NA / Non Applicable
Generator: 81245 / New Orleans Sewerage
Transporter: T-0613125 / CEI
Bill to: 2922 / Jacobsen Specialty
Gross: 80340 Lbs PB
Tare: 35000 Lbs KB
Net: 45340 Lbs

Date: 04/15/2005 Ticket: 868725
Time: 10:45 - 11:09
Grid: 04/11/2005 / N29-55.
Profile: 81245 / UST contaminated soil
Charge#:
P.O.:

Truck: CEI8
Post Office Box 947

Trailer:
Westwego, LA 70096
Tons: 22.67
Quantity: 1.00
Mixed %:100.00

Comment:

| Wastes & Services | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|
| 678 / Liners | 1 | Other | $0.00 | $0.00 |
| 902TO / COMMERCIAL - OUT OF PARISH | 22.67 | Tons | $32.00 | $725.44 |

Ticket Clerk: SHERRY VISOR

Trans Fee: $300.00
Total Amount: $1025.44

Weighmaster: _____

Driver: _____

37689

WASTE MANAGEMENT

# NON-HAZARDOUS MANIFEST

## GENERATOR

Generator New Orleans Savage [illegible]

Shipping Location Main Yard

Address 2900 Peoples Ave

New Orleans LA. 70122

Phone 504-942-3879

LOUISIANA DEQ SOLID WASTE DIVISION

Identification # N/A

Manifest Return Address: Jacobson Spec Serv

P.O. Box 947 Westwego LA. 70094

Phone 504-341-7217

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| Soil | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable laws and regulations.

Generator Authorized Agent Name (Print) _____ Signature _____ Delivery Date _____

## TRANSPORTER

LADEQ Transporter I.D. # [illegible]

Transporter Name [illegible]

Address [illegible]

Driver Name (Print) [illegible]

Truck Number [illegible]

Truck Type [illegible]

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

[illegible] 7-15-05

Driver Signature Shipment Date

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

[illegible] 7-15-05

Driver Signature Delivery Date

## DESTINATION

Site Name JEFFERSON PARISH LANDFILL

Address 5800 Hwy. 90 West

Avondale, LA 70094

LADEQ Facility # D-051-0090

LADEQ Permit # P-0297

Phone Number 504-436-0152

Disposal Location: North _____ East _____ Level _____

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (Print) _____ Signature _____ Receipt Date _____

White – Original Canary – Disposer Retain Pink – Transporter Retain Goldenrod – Generator Retain Green – Billing

JEFFERSON PARISH LANDFILL
I, THE DRIVER CERTIFY THAT THE
WASTE I DELIVERED ORIGINATED
IN JEFFERSON PARISH ONLY.

Manifest: 37690 Advf:
Origin: NA / Non Applicable
Generator: 81245 / New Orleans Sewerage
Transporter: T-0613125 / CEI
Bill to: 2922 / Jacobsen Specialty
Gross: 75420 Lbs PB
Tare: 33260 Lbs KB
Net: 42160 Lbs

Date: 04/15/2005 Ticket: 868726
Time: 10:47 - 11:10
Grid: 04/11/2005 / N29-55.
Profile: 81245 / UST contaminated soil
Charge#:
P.O.:

Truck: CEI420 Trailer:
Post Office Box 947 Westwego, LA 70096
Tons: 21.08
Quantity: 1.00
Mixed %:100.00

Comment:

| Wastes & Services | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|
| 678 / Liners | 1 | Other | $0.00 | $0.00 |
| 902TO / COMMERCIAL - OUT OF PARISH | 21.08 | Tons | $32.00 | $674.56 |

Ticket Clerk: SHERRY WISOR

Trans Fee: $300.00
Total Amount: $974.56

Weighmaster: _____

Driver: _____

37690

WASTE MANAGEMENT

# NON-HAZARDOUS MANIFEST

## GENERATOR

Generator New Orleans Sewerage & Water Bd.

Shipping Location Main Yard

Address 3900 Peoples Ave.
New Orleans LA. 70122

Phone 504-942-3879

LOUISIANA DEQ SOLID WASTE DIVISION

Identification # NA

Manifest Return Address: Jacobsen Spec Serv.
P.O. Box 947 Westwego LA. 70094

Phone 504-341-7217

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| Soil | NA | - | | | - |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable laws and regulations.

Generator Authorized Agent Name (Print) | Signature | Delivery Date

## TRANSPORTER

LADEQ Transporter I.D. #

Transporter Name

Address

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

Driver Signature | Shipment Date

Driver Name (Print)

Truck Number

Truck Type

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature | Delivery Date

## DESTINATION

Site Name JEFFERSON PARISH LANDFILL

Address 5800 Hwy. 90 West
Avondale, LA 70094

LADEQ Facility # D-051-0090

LADEQ Permit # P-0297

Phone Number 504-436-0152

Disposal Location: North _____ East _____ Level _____

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (Print) | Signature | Receipt Date

******* Reprint Ticket *******

JEFFERSON PARISH LANDFILL
I, THE DRIVER CERTIFY THAT THE
WASTE I DELIVERED ORIGINATED
IN JEFFERSON PARISH ONLY.

Manifest: 37687 Advf:
Origin: NA / Non Applicable
Generator: 81245 / New Orleans Sewerage
Transporter: T-0613125 / CEI
Bill to: 2922 / Jacobsen Specialty
Gross: 76160 Lbs PB
Tare: 31400 Lbs KB
Net: 44760 Lbs

Date: 04/15/2005 Ticket: 868774
Time: 12:47 - 13:03
Grid: 04/11/2005 / N29-55.
Profile: 81245 / UST contaminated soil
Charge#:
P.O.:

Truck: CEI420 Trailer:
Post Office Box 947 Westwego, LA 70096
Tons: 22.38
Quantity: 1.00
Mixed %:100.00

Comment:

| Wastes & Services | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|
| 672 / Transportation | 1 | Other | $300.00 | $300.00 |
| 678 / Liners | 1 | Other | $20.00 | $20.00 |
| 902TO / COMMERCIAL - OUT OF PARISH | 22.38 | Tons | $32.00 | $716.16 |

Ticket Clerk: SHERRY VISOR

Trans Fee: $0.00
Total Amount: $1036.16

Weighmaster: _____ Driver: _____

37687

WASTE MANAGEMENT

# NON-HAZARDOUS MANIFEST

## GENERATOR

Generator New Orleans Sewage + Water Bd.

Shipping Location Main Yard

Address 2900 Peoples Ave
New Orleans La 70122

Phone 504-942-3879

LOUISIANA DEQ SOLID WASTE DIVISION

Identification # N/A

Manifest Return Address: Jackson Spe. Serv.
P.O. Box 947 Westwego La 70094

Phone 504-341-7217

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| Soil | N/A | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable laws and regulations.

Generator Authorized Agent Name (Print) _____ Signature _____ Delivery Date _____

## TRANSPORTER

LADEQ Transporter I.D. # T-061-3125

Transporter Name [illegible]

Address [illegible]

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

Driver Signature _____ Shipment Date 4/[illegible]/05

Driver Name (Print) [illegible]

Truck Number [illegible]

Truck Type [illegible]

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature _____ Delivery Date 4/[illegible]/05

## DESTINATION

Site Name JEFFERSON PARISH LANDFILL

Address 5800 Hwy. 90 West
Avondale, LA 70094

LADEQ Facility # D-051-0090

LADEQ Permit # P-0297

Phone Number 504-436-0152

Disposal Location: North _____ East _____ Level _____

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (Print) [illegible]

Signature [illegible] Receipt Date [illegible]

White – Original Canary – Disposer Retain [illegible] – Transporter Retain [illegible] – Generator Retain Green – Billing

JEFFERSON PARISH LANDFILL
I, THE DRIVER CERTIFY THAT THE
WASTE I DELIVERED ORIGINATED
IN JEFFERSON PARISH ONLY.

Manifest: 37688 Advf:
Origin: NA / Non Applicable
Generator: 81245 / New Orleans Sewerage
Transporter: NA / Non Applicable
Bill to: 2922 / Jacobsen Specialty
Gross: 77640 Lbs KB
Tare: 34980 Lbs KB
Net: 42660 Lbs

Date: 04/15/2005 Ticket: 868783
Time: 12:58 - 13:14
Grid: 04/11/2005 / N29-55.
Profile: 81245 / UST contaminated soil
Charge#:
P.O.:

Truck: CEI8 Trailer:
Post Office Box 947 Westwego, LA 70096
Tons: 21.33
Quantity: 1.00
Mixed %:100.00

Comment:

| Wastes & Services | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|
| 678 / Liners | 1 | Other | $0.00 | $0.00 |
| 902TO / COMMERCIAL - OUT OF PARISH | 21.33 | Tons | $32.00 | $682.56 |

Ticket Clerk: SHERRY VISOR

Trans Fee: $300.00
Total Amount: $982.56

Weighmaster: _____ Driver: _____

37688

WASTE MANAGEMENT

# NON-HAZARDOUS MANIFEST

## GENERATOR

Generator: New Orleans Sewage + Water Bd

Shipping Location: Main Yard

Address: 2900 Paoles Ave
New Orleans LA. 70122

Phone: 504-941-3679

LOUISIANA DEQ SOLID WASTE DIVISION
Identification #: N/A

Manifest Return Address: Jacobsen Sec. Serv.
P.O. Box 947 Westwego LA 70094

Phone: 504-341-7217

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| Sand | N/A | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable laws and regulations.

Generator Authorized Agent Name (Print) | Signature | Delivery Date

## TRANSPORTER

LADEQ Transporter I.D. #: [illegible]

Transporter Name: [illegible]

Address: [illegible]

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

Driver Signature | Shipment Date

Driver Name (Print): [illegible]

Truck Number: [illegible]

Truck Type: [illegible]

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature | Delivery Date

## DESTINATION

Site Name: JEFFERSON PARISH LANDFILL

Address: 5800 Hwy. 90 West
Avondale, LA 70094

LADEQ Facility #: D-051-0090

LADEQ Permit #: P-0297

Phone Number: 504-436-0152

Disposal Location: North _____ East _____ Level _____

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (Print) | Signature | Receipt Date

White – Original | Canary – Disposer Retain | Pink – Transporter Retain | Goldenrod – Generator Retain | Green – Billing

JEFFERSON PARISH LANDFILL
I, THE DRIVER CERTIFY THAT THE
WASTE I DELIVERED ORIGINATED
IN JEFFERSON PARISH ONLY.

Manifest: 37686 Advf:
Origin: NA / Non Applicable
Generator: 81245 / New Orleans Sewerage
Transporter: NA / Non Applicable
Bill to: 2922 / Jacobsen Specialty
Gross: 85880 Lbs PB
Tare: 33500 Lbs KB
Net: 52380 Lbs

Date: 04/15/2005 Ticket: 868837
Time: 15:19 - 15:35
Grid: 04/11/2005 / N29-55.
Profile: 81245 / UST contaminated soil
Charge#:
P.O.:

Truck: CE1420 Trailer:
Post Office Box 947 Westwego, LA 70096
Tons: 26.19
Quantity: 1.00
Mixed %:100.00

Comment:

| Wastes & Services | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|
| 678 / Liners | 1 | Other | $20.00 | $20.00 |
| 902TO / COMMERCIAL - OUT OF PARISH | 26.19 | Tons | $32.00 | $838.08 |

Ticket Clerk: SHERRY VISOR

Trans Fee: $300.00
Total Amount: $1158.08

Weighmaster: _____

Driver: _____

37686

WASTE MANAGEMENT

# NON-HAZARDOUS MANIFEST

## GENERATOR

Generator New Orleans Sewage & Water Bd.

LOUISIANA DEQ SOLID WASTE DIVISION

Shipping Location Main Yard

Identification # N/A

Address 2900 Peoples Ave.
New Orleans La. 70122

Manifest Return Address: Jacobsen Spec Serv.
PO Box 947 Westwego La 70094

Phone 504-942-3879

Phone 504-341-7217

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| Soil | N/A | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable laws and regulations.

Generator Authorized Agent Name (Print) | Signature | Delivery Date 4-15-05

## TRANSPORTER

LADEQ Transporter I.D. # T-[illegible]

Transporter Name [illegible]

Address [illegible]

Driver Name (Print) [illegible]

Truck Number [illegible]

Truck Type E/D

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

Driver Signature | Shipment Date 4/[illegible]

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature | Delivery Date 4/[illegible]

## DESTINATION

Site Name JEFFERSON PARISH LANDFILL

LADEQ Facility # D-051-0090

Address 5800 Hwy. 90 West
Avondale, LA 70094

LADEQ Permit # P-0297

Phone Number 504-436-0152

Disposal Location: North _____ East _____ Level _____

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (Print) [illegible] | Signature [illegible] | Receipt Date [illegible]

White – Original  Canary – Disposer Retain  Pink – Transporter Retain  Goldenrod – Generator Retain  Green – Billing

JEFFERSON PARISH LANDFILL
I, THE DRIVER CERTIFY THAT THE
WASTE I DELIVERED ORIGINATED
IN JEFFERSON PARISH ONLY.

Manifest: 8595 Advf:
Origin: NA / Non Applicable
Generator: 81245 / New Orleans Sewerage
Transporter: NA / Non Applicable
Bill to: 2922 / Jacobsen Specialty
Gross: 83720 Lbs PB
Tare: 34860 Lbs KB
Net: 48860 Lbs

Date: 04/15/2005 Ticket: 868839
Time: 15:22 - 15:39
Grid: 04/11/2005 / N29-55.
Profile: 81245 / UST contaminated soil
Charge#:
P.O.:

Truck: CEI8 Trailer:
Post Office Box 947 Westwego, LA 70096
Tons: 24.43
Quantity: 1.00
Mixed %:100.00

Comment:

| Wastes & Services | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|
| 678 / Liners | 1 | Other | $20.00 | $20.00 |
| 902TO / COMMERCIAL - OUT OF PARISH | 24.43 | Tons | $32.00 | $781.76 |

Ticket Clerk: SHERRY VISOR

Trans Fee: $300.00
Total Amount: $1101.76

Weighmaster: _____ Driver: _____

WASTE MANAGEMENT

8595

# NON-HAZARDOUS MANIFEST

## GENERATOR

Generator New Orleans Sewerage & Water Bd.

LOUISIANA DEQ SOLID WASTE DIVISION

Shipping Location Main Yard

Identification # NA

Address 2900 Peoples Ave.
New Orleans La. 70122

Manifest Return Address: Jacobson Spec. Serv
P.O. Box 947 Westwego La. 70094

Phone 504 942-3279

Phone 504 341 7217

| Description of Waste Materials | LADEQ Industrial Waste Code # | Profile Number | Total Quantity | Unit of Measure | Container Type |
|---|---|---|---|---|---|
| Soil | NA | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable laws and regulations.

Generator Authorized Agent Name (Print) | Signature | Delivery Date

## TRANSPORTER

LADEQ Transporter I.D. #

Transporter Name

Address

Driver Name (Print)

Truck Number

Truck Type

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

Driver Signature | Shipment Date

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature | Delivery Date

## DESTINATION

Site Name Jefferson Parish Landfill

LADEQ Facility # D-051-0090

Address 5800 Hwy. 90
Avondale, LA 70094

LADEQ Permit # P-0297

Phone Number 504/436-0152

Disposal Location: North ✓ East ____ Level ____

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (Print) | Signature | Receipt Date

White – Original  Canary – Disposer Retain  Pink – Transporter Retain  Goldenrod – Generator Retain  Green – Billing

MB#: 2050-0175

**MAIL COMPLETED FORM TO:**

LDEQ/OES/
Environmental Assistance
Division/CAS
PO Box 4313
Baton Rouge, LA
70821-4313

United States Environmental Protection Agency
and
# STATE OF LOUISIANA
# DEPARTMENT OF ENVIRONMENTAL QUALITY
# NOTIFICATION OF HAZARDOUS WASTE ACTIVITY
# RCRA SUBTITLE C SITE IDENTIFICATION FORM

**Reason for Submittal**

CHOOSE ONLY ONE REASON PER SUBMITTAL

**A. Reason for Submittal:**

- (XX) To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities).
- ☐ To provide subsequent notification (to update site identification information).

or

- ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application.
- ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____).

or

- ☐ As a component of the Hazardous Waste Report. AI 37517

**B. Number of Employees:** 5 During This Project

**Site EPA ID Number**

**EPA ID Number:** LAR000060939

**Site Name**

**Legal Name:** St. Charles Drainage Pumping Station (Sewerage & Water Board of NO)

**Site Location (Physical address, NOT PO Box or Route)**

**Street Address:** 7200 Wales Street

**City, Town, or Village:** New Orleans **State:** Louisiana

**County/Parish Name:** Orleans **Zip Code:**

**Site Land Type**

**Site Land Type:** ☐ Private ☐ County/Parish ☐ District ☐ Federal ☐ Indian (XX) Municipal ☐ State ☐ Other

**North American Industry Classification System (NAICS) Code(s)**

A. 922190 B.

C. D.

**Site Mailing Address**

**Street or P. O. Box:** 8800 South Claiborne Avenue

**City, Town, or Village:** New Orleans

**State:** Louisiana

**County/Parish Name:** Orleans **Zip Code:** 70118

**Site Contact Person**

**First Name:** Gertrude **MI:** C. **Last Name:** Brown

**Phone Number:** (504) 865-0588 **Phone Number Extension:** Engineering

**Legal Owner and Operator of the Site (see instructions)**

**A. Name of Site's Legal Owner:** S&WB of New Orleans **Date Became Owner (mm/dd/yyyy):** 1930's

**Owner Type:** ☐ Private ☐ County/Parish ☐ District ☐ Federal ☐ Indian (XX) Municipal ☐ State ☐ Other

**B. Name of Site's Operator:** Gertrude C. Brown **Date Became Operator (mm/dd/yyyy):** 1980's

**Operator Type:** ☐ Private ☐ County/Parish ☐ District ☐ Federal ☐ Indian (XX) Municipal ☐ State ☐ Other

Regs & Certs

Chk 2014



$25.00
4/17/6

Lm RCRA Info 4/26/6
Lm TEMPO 4/26/6
___ Excel
___ Other

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LDEQ

OMB#: 2050-0175

EPA ID No. | | | | | | | | | | | | |

10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste

(Select one of the following categories)

☐ a. LQG: Greater than 1,000 kg/mo (2,200 lbs.) Non-acute hazardous waste; or

XX ☐ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs.) Non-acute hazardous waste; or

☐ c. CESQG: Less than 100 kg/mo Non-acute hazardous waste

☐ d. NON-GENERATOR

In addition, indicate other generator activities (check all that apply)

☐ e. United States Importer of Hazardous Waste

☐ f. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, check all that apply:

☐ 2. Transporter of Hazardous Waste

☐ Transfer Facility Status (Transporter status must be indicated above)

☐ 3. Treater, Storer, or Disposer of HW (at your site)
Note: A hazardous waste permit is required for this activity.

☐ Permitted ☐ Interim Status ☐ Proposed

☐ 4. Recycler of Hazardous Waste (at your site)
Note: A hazardous waste permit may be required for this activity.

5. Exempt Boiler and/or Industrial Furnace

☐ a. Small Quantity On-site Burner Exemption
☐ b. Smelting, Melting, Refining Furnace Exemption

☐ 6. Underground Injection Control

B. Universal Waste Activities (Indicate Activity Type)

☐ 1. Large Quantity Handler of Universal Waste [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):

| | Generated | Accumulated |
|---|---|---|
| a. Batteries | ☐ | ☐ |
| b. Pesticides | ☐ | ☐ |
| c. Thermostats | ☐ | ☐ |
| d. Lamps | ☐ | ☐ |
| e. Antifreeze | ☐ | ☐ |

☐ 2. Destination Facility for Universal Waste
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities (Indicate Activity Type)

☐ 1. Used Oil Transporter

☐ a. Transporter

☐ b. Transfer Facility

☐ 2. Used Oil Processor and/or Re-refiner

☐ a. Processor

☐ b. Re-refiner

☐ 3. Off-Specification Used Oil Burner

☐ 4. Used Oil Fuel Marketer

☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner

☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

☐ 5. Used Oil Fuel Burner (Indicate Combustion Device(s)

☐ Utility Boiler ☐ Industrial Boiler ☐ Industrial Furnace

11. Description of Hazardous Wastes Lead Based-Paint

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

| | | | | | | |
|---|---|---|---|---|---|---|
| D008 | | | | | | |
| | | | | | | |

OMB#: 2050-0175

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| EPA ID No. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes.** Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**12. Comments**

Lead Abatement Contractor: C & L Painting, Inc.

Lead Risk Assessor : QA Consultant, LLC.

General Contractor : ICC Industrial Coatings Contractors

**13. Certification.** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| Signature of owner, operator, or an authorized representative | Name and Official Title (type or print) | Date Signed (mm-dd-yyyy) |
|---|---|---|
| Chester L. Harvey | C & L Painting, Inc. | 4-17-06 |
| Chester L. Harvey, Pres. | 444 Frist Street | |
| | St. Rose, Louisiana 70087 | |
| | | |

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APR 2 5 2006

LDEQ
OES/EAD

FOR OFFICIAL USE ONLY

CHECK NUMBER: _____ INVOICE NUMBER: _____

CHECK DATE: _____ INVOICE DATE: _____

INVOICE

Louisiana Department of Environmental Quality
Office of Environmental Services/Environmental Assistance Division/Compliance Assistance Section
P.O. Box 4313
Baton Rouge, Louisiana 70821-4313

FACILITY NAME: Jahncke Drainage Pumping Station

MAILING ADDRESS: 8800 South Claiborne Avenue

New Orleans, Louisiana 70118

FEDERAL TAX ID NUMBER: 72-1569731

FACILITY PHYSICAL LOCATION: 12200 Haynes Boulevard

New Orleans, Louisiana

REGISTRATION FEE, HW-1 (LAC33:V.5123)

| Description | AMOUNT |
|---|---|
| Initial Registration Fee | $12.50 |

2014

**CL PAINTING, LLC**
444 FIRST STREET
ST. ROSE, LA 70087

OMNI BANK
METAIRIE, LA 70002
14-345-650

Apr 17, 2006
DATE

******$25.00
AMOUNT

Memo:

Twenty-Five and 00/100 Dollars

PAY TO THE ORDER OF

LA DEPARTMENT OF ENVIRONMENT QUALITY
P. O. Box 4313
Baton Rouge, LA 70802

Duplicate

AI 32518
AI 32577

⑈002014⑈ ⑆065003453⑆ ⑈5500003347⑈

Security Features Included Details on back

# DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
**GOVERNOR**

MIKE D. McDANIEL, Ph.D.
**SECRETARY**


Edms
RF
CKO
SERO

October 25, 2006

CERTIFIED MAIL (7004 1160 0001 9952 2287)
RETURN RECEIPT REQUESTED

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**
c/o C. Ray Nagin, Jr., President
625 St. Joseph, Mail Resolving Dept.
New Orleans, LA 70165

**RE: NOTICE OF VIOLATION**
**ENFORCEMENT TRACKING NO. UE-N-06-0274**
**AGENCY INTEREST NO. 5672**

Dear Sir:

On or about January 4, 2005, an inspection to witness the closure of two (2) underground storage tanks owned and/or operated by the **SEWERAGE AND WATER BOARD OF NEW ORLEANS (RESPONDENT)**, and subsequent review of the Closure Report were performed to determine the degree of compliance with the Louisiana Environmental Quality Act (the Act) and the Underground Storage Tank Regulations. The facility is located at 2900 Peoples Avenue in New Orleans, Orleans Parish, Louisiana.

While the Louisiana Department of Environmental Quality's (the Department) investigation is not yet complete, the following violation was noted during the course of the inspection:

> The Respondent failed to report any suspected release within twenty-four (24) hours after becoming aware of the occurrence, in violation of LAC 33:XI.707.A.

It is requested that you respond in writing within thirty (30) days of receipt of this Notice as to what actions will be taken to address the above noted violation and to prevent future violations of this nature. You may direct your response to Cheryl O'Neal, Office of Environmental Compliance, Enforcement Division, P. O. Box 4312, Baton Rouge, LA 70821-4312.

Further enforcement action may be taken if compliance is not promptly achieved. For each violation described herein, the Department reserves the right to seek civil penalties and the right to seek compliance with its rules and regulations in any manner allowed by law, and nothing herein shall be construed to preclude the right to seek such penalties and compliance.


ENVIRONMENTAL **COMPLIANCE**
: PO BOX 4312, BATON ROUGE, LA 70821-4312
P:225-219-3700 F:225-219-3708
WWW.DEQ.LOUISIANA.GOV

To reduce document handling, please refer to the **Enforcement Tracking Number** and **Agency Interest Number** on the front of this document on all correspondence in response to this action.

Sincerely,

Harold Leggett, Ph.D.
Assistant Secretary
Office of Environmental Compliance

PMH/CKO/cko
Alt ID No. 36-008336

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
PERMITS DIVISION
REGISTRATIONS AND CERTIFICATIONS SECTION
P.O. Box 4313 * Baton Rouge, Louisiana 70821-4313

NOT. ID: LA08576
AI NO.: 5001

ADVF NO: LA08576-05 **ASBESTOS DISPOSAL VERIFICATION FORM** PRIORITY: Low

**********

1) **PROJECT LOCATION/STREET ADDRESS/ZIP**
MAIN WATER PLANT
8800 SOUTH CLAIBORNE
NEW ORLEANS, LA 70118-

2) **PROJECT PHONE**

3) **ISSUE DATE**
07/11/2006

4) **EXPIRATION DATE**
10/11/2006

5) **CONTRACTOR'S NAME/MAILING ADDRESS/ZIP**
LVI ENVIRONMENTAL SERVICE OF NEW ORLEAN
12 OAK DRIVE
SHAWNEE, 74801-

6) **CONTRACTOR'S PHONE** 405-273-4800

7) **PROJECT START DATE**
01/17/2006

8) **PROJECT COMPLETE DATE**
12/31/2006

9) **OWNER'S NAME/MAILING ADDRESS/ZIP**
SEWERAGE AND WATER BOARD
625 ST JOSEPH ST
NEW ORLEANS, LA 70165-

10) **OWNER PHONE** 504-865-0444

11) **ESTIMATED ACM QUANTITY**
19400 SQFT

12) **DESIGNATED DISPOSAL SITE**
BFI COLONIAL

13) **PRINTED/TYPED NAME**
DENNIS STRICKLAND

14) **SIGNATURE**
DS

**********Owner/Operator**********

15) **WASTE TRANSPORTER**
BFI-NEW ORLEANS

16) **QUANTITY SHIPPED** 40 yd

17) **DATE PROJECT COMPLETED** 8-01-06

18) **DISPOSAL SITE**
BFI COLONIAL

19) **DATE SHIPPED** 8-03-06

**CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

20) Printed Name: Randy McGirt

21) Signature: RG McGirt Date: 8-03-06

RECEIVED
DEQ/AIR PERMITS
MANUFACTURING
2006 AUG -8 AM 7:52

**********Transporter**********

22) **DATE RECEIVED** 8-2-06

23) **DATE DELIVERED** 8-2-06

24) **PRINTED/TYPED NAME**
Wilbert Consland

25) **SIGNATURE**
Wilbert Consland

**********Landfill**********

26) **DATE BURIED** 8/3/06

27) **QUANTITY RECEIVED** 40 yds

28) **PRINTED/TYPED NAME**
LaKeila Washington

29) **SIGNATURE**
LaKeila Washington

**********

30) **SPECIAL CONDITIONS OR COMMENTS:**

COPIES: WHITE-DEQ; GREEN-OWNER; YELLOW-LANDFILL; PINK-TRANSPORTER; GOLD-OWNER

Tier 2 # ~~3465, 31537, 24578, 5522, 5503, 18011, 18012, 23030, 22990, 24364~~
AI#.= 76088,

| UNIT LOG | 1. Incident Name<br>HURRICANE KATRINA | 2. Date Prepared<br>10-12-2005 | 3. Time Prepared |
|---|---|---|---|
| 4. Unit Name/Designators<br>LDEQ ETD4 | 5. Unit Leader (Name and Position)<br>DON LIERMAN – T0264 | | 6. Operational Period |

7. Personnel Roster Assigned

| Name | ICS Position | Home Base |
|---|---|---|
| Brad Taylor | LDEQ | BATON ROUGE, LA |
| Patrick Lobos | LDEQ | BATON ROUGE, LA |
| Don Lierman | START | Baton Rouge, LA |
| Tyshawn Quick | START | Baton Rouge, LA |
| Karmen Griffith | START | Denver, CO |
| | | |
| Weather: Partly Cloudy / Humid | 6 Total Sites: | |
| Temperature in 80's | 0 Site indicated a release | 0 Total Photos |

Activity Log

| Time | 76088 ✓ Major Events |
|---|---|
| 0945 | Tier 2 # ~~3465,~~ 0801-DL-101205-0945 |
| | BellSouth #J2540, 5201 Tullis Dr., New Orleans, LA, Orleans Parish |
| | LAT: 29.899981 N LONG: -90.000943 W |
| | Tier 2# ~~3465~~ 76088 BellSouth |
| | PRIORITY: Closed |
| | PHOTOS: None taken |
| | Above ground diesel storage tanks (2) with no damage or release. One tank was a skid rental associated with a rental temporary generator. |
| 1006 | Tier 2 # ~~31537~~, 0801-DL-101205-1006 130534 |
| | Sewer and Water Board of New Orleans-PS Blair, 3800 Blair, New Orleans, LA, Orleans Parish |
| | LAT: 29.913943 N LONG: -89.980653 W |
| | 2800 gallon hydrogen peroxide storage tank associated with sewer pumping station.<br>No releases or hazards observed |
| | PRIORITY: Closed |
| | PHOTOS: None Taken |
| 1026 | Tier 2 # ~~0801~~-DL-101205-1026 25619 ✓ |
| | Elmwood Marine Service Dockside, 3800 Patterson Road, New Orleans, Algiers, LA, Orleans Parish |
| | LAT: 29.942951 N LONG: -90.014563 W |
| | Above Ground gasoline fuel storage tank. Multiple oxygen and acetylene cylinders.<br>No releases observed<br>No immediate hazards observed |
| | PRIORITY: Closed |
| | PHOTOS: None taken |

| Activity Log | |
|---|---|
| **Time** | ✓ |
| | 71570 51730 |
| 1047 | Tier 2#~~5503~~/~~1801-1~~/~~18012~~/~~5522~~ , 0801-DL-101205-1047 |
| | Sewer and Water Board, 1107 Pacific Street, New Orleans, LA |
| | LAT: 29.944223 N LONG: -90.046188 W Algiers WTP – 900, LaMarque St, Algiers |
| | 10,000 gallon above ground diesel tank acting as central supply to multiple facilities. Pumping station C/West Bank Power Control/Atlantic Sewerage Station/Algiers Water Treatment Plant |
| | No releases or hazards observed |
| | PHOTOS: None taken |
| | PRIORITY: Closed |
| 1210 | Tier 2#~~23030~~/22990, 0801-DL-101205-1210 12803 ✓ |
| | Cooper T. Smith Mooring Division, 1240 Patterson Street, Algiers, LA, Orleans Parish |
| | Crescent Towing, 1240 Patterson Street, Agiers, LA, Orleans Parish |
| | LAT: 29. 955336 N LONG: -90.043925 W |
| | Both facilities owned by same owner. Temporary skid mounted diesel tanks present but being removed. Only permanent diesel storage is performed on a marine barge so was not addressed as it is a marine facility (per LDEQ).<br>No releases observed |
| | PHOTOS: None taken |
| | PRIORTY: Closed |
| 1247 | Tier 2 Site ID# ~~24367~~, 0801-DL-101205-1247 ELI – Delaronde Street Office |
| | LAT: 29.952223 N LONG: -90.054595 W AI = 100201 ✓ |
| | 142 Delaronde St, New Orleans, LA, Orleans Parish |
| | 5000 gallon above ground diesel storage tank. No release or hazards observed. |
| | PHOTOS: None taken |
| | PRIORITY: Low |
| | |
| Prepared By (Name and Position): Don Lierman, START Responder | |

Owner Operator Name:

Facility Name: Bell South - J2540

Facility Address, City, Parish: 5201 Tullis Dr., New Orleans, Orleans

AI#: ~~3465~~ 76088

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?
   Yes
2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   N/A
3. What is the status of electricity? Grid/Generator?
   Power on
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
   No.
5. Are portions of the facility still submerged?
   No
6. What is the extent of damage caused by Hurricane Katrina?
   No apparant damage
7. Did the equipment/tanks/etc. overflow?
   Does not appear so.
8. GPS Readings

LAT: 29° 54' 01.201" LONG: 90°00'02.860"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 945 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: S&WB of New Orleans - PS Blair

Facility Address, City, Parish: 3800 Blaire Street, New Orleans, Orleans

AI#: ~~31537~~

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?
   Unable to tell
2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   Doesn't appear to have damage
3. What is the status of electricity? Grid/Generator?
   Assume power is on in this area
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
   Doesn't appear so
5. Are portions of the facility still submerged?
   No
6. What is the extent of damage caused by Hurricane Katrina?
   Pumps/monitoring station turned on side; pipes bent
7. Did the equipment/tanks/etc. overflow?
   No
8. GPS Readings

LAT: 29°54'49.682" LONG: 89°58'51.105"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1010 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: Elmwood Marine Services - Dockside

Facility Address, City, Parish: 3~~8~~700 Patterson Road, Algiers, Orleans

AI#: ~~24578~~ 25619

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   No apparant damage

3. What is the status of electricity? Grid/Generator?

   N/A

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   Doesn't appear so

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   No apparant damage

7. Did the equipment/tanks/etc. overflow?

   No

8. GPS Readings

   LAT: 29° 56' 36.217" LONG: 90° 00' 52.667"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1030 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: S&WB of New Orleans - Algiers Water Plant

Facility Address, City, Parish: 900 Lamarque Street, New Orleans, Orleans

AI#: ~~5522~~ 51730

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?
   See Algiers water same
2. Has the facility made any necessary repairs? In what time frame were the repairs made?
3. What is the status of electricity? Grid/Generator?
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
5. Are portions of the facility still submerged?
6. What is the extent of damage caused by Hurricane Katrina?
7. Did the equipment/tanks/etc. overflow?
8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: S&WB of New Orleans Station C

Facility Address, City, Parish: 1107 Pacific Street, New Orleans, Orleans

AI#: ~~5503~~ 71570

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?
   Yes
2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   N/A
3. What is the status of electricity? Grid/Generator?
   Power on
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
   No
5. Are portions of the facility still submerged?
   No
6. What is the extent of damage caused by Hurricane Katrina?
   No apparent damage to systems/AST's
7. Did the equipment/tanks/etc. overflow?
   No
8. GPS Readings

LAT: 29° 56' 39.371" LONG: 90° 02' 46.036"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1048 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: West Bank Power Control,

Facility Address, City, Parish: 1107 Pacific Street, New Orleans, Orleans

AI#: ~~18011~~ 71570

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   N/A

3. What is the status of electricity? Grid/Generator?

   Power on

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   No

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   No apparant damage

7. Did the equipment/tanks/etc. overflow?

   No

8. GPS Readings

   LAT: 29° 56' 39.371" LONG: 90° 02' 46.036"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1048 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: New Orleans Sewerage - Atlantic

Facility Address, City, Parish: 1107 Pacific Street, New Orleans, Orleans

AI#: ~~48012~~ 71570

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   N/A

3. What is the status of electricity? Grid/Generator?

   Power on

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   No

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   No apparent damage

7. Did the equipment/tanks/etc. overflow?

   No

8. GPS Readings

   LAT: 29°56'34.871" LONG: 90°02'48.513"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1048 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: Cooper T. Smith Mooring Division

Facility Address, City, Parish: 1240 Patterson Street, Algiers, Orleans

AI#: ~~23030~~ 12803

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   N/A

3. What is the status of electricity? Grid/Generator?

   Power on

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   No

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   None to system/Tanks

7. Did the equipment/tanks/etc. overflow?

   No

8. GPS Readings

   LAT: 29°57'19.439" LONG: 90°02'35.593"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1215 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: Crescent Towing Company Inc.

Facility Address, City, Parish: 1240 Patterson Street, Algiers, Orleans

AI#: ~~22990~~

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Same as Cooper T. Smith; Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   N/A

3. What is the status of electricity? Grid/Generator?

   Power on

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   No

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   None to system / Tanks

7. Did the equipment/tanks/etc. overflow?

   No

8. GPS Readings

   LAT: 29°57'19.439" LONG: 90°02'35.593"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1215 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

Owner Operator Name:

Facility Name: ELI - Delaronde Street Office

Facility Address, City, Parish: 142 Delaronde Street, New Orleans, Orleans

AI#: ~~24367~~ 100201

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   N/A

3. What is the status of electricity? Grid/Generator?

   Power on

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   No

5. Are portions of the facility still submerged?

   No

6. What is the extent of damage caused by Hurricane Katrina?

   No apparant damage

7. Did the equipment/tanks/etc. overflow?

   No

8. GPS Readings

   LAT: 29°57'11.008" LONG: 90°03'17.586"

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Patrick Lobos, Bradley Taylor 1245 10-12-05
Date

Inspector(s): _____
Date

Inspector(s): _____
Date

69068, 23774 26079, 98003, 69830, 79937, 56724 78571, 69748, 14993, 9797, 75062, 4635, 13650

| UNIT LOG | 1. Incident Name<br>HURRICANE KATRINA | 2. Date Prepared<br>10-6-2005 | 3. Time Prepared |
|---|---|---|---|
| 4. Unit Name/Designators<br>LDEQ RSD1 | 5. Unit Leader (Name and Position)<br>DON LIERMAN – T0264 | | 6. Operational Period |

7. Personnel Roster Assigned

| Name | ICS Position | Home Base |
|---|---|---|
| Rich Johnson | LDEQ | BATON ROUGE, LA |
| Nora Lane | LDEQ | BATON ROUGE, LA |
| Don Lierman | QRI / WESTON RESPONDER | BATON ROUGE, LA |
| Daryl Waguespack | QRI / Weston | Baton Rouge, LA |
| | 14 Total Sites surveyed | |
| Weather: Partly Cloudy / Humid | 14 Cleared sites | |
| Temperature in 80's | 0 Site indicated a release | 0 Total Photos |

8. Activity Log

| Time | Major Events |
|---|---|
| 1010 | AI 4635 – PDA 881-DL – 100605 – 1010 |
| | Shell 137490,2900 Gentilly Blvd ,New Orleans, Orleans Parish (FC#5) |
| | LAT: 29 99 59.48 N LONG: 90 06 22.26 W |
| | The facility is not in operation. No electricity. No Apparent flooding. No apparent damage to USTs. In DEQ's closure process. |
| | The facility was looted. |
| | PRIORITY – closed |
| | PHOTOS- None taken |
| 1035 | AI 13650 – PDA881-DL – 100605 – 1035 |
| | Shell Retail Station , 2946 Gentilly Blvd , New Orleans, LA, Orleans Parish (FC#5) |
| | LAT: 29.995948 N LONG: -90.062226 W |
| | .Facility is not in operation, No electricity, No apparent Flooding or looted. No Access. (fenced off) |
| | PRIORITY- Closed |
| | PHOTOS-None Taken |
| 1111 | AI 75062 PDA881-DL – 10005 – 1111 |
| | Parkway Nursery (EMD), 2828 Gentilly Ave.,, New Orleans, LA, Orleans Parish (Does not exist) (University) |
| | LAT: 29.59.43.751N LONG: 90.03.47.176 W |
| | No USTs visible |
| | Priority-Closed |

Prepared by (Name and Position

Activity Log

| Time | |
|---|---|
| 1129 | AI 9797 – PDA881-DL – 100605 – 1129 |
| | Dillard University , 2601 Gentilly Ave New Orleans, LA, Orleans Parish (university) |

| | |
|---|---|
| | LAT: 29 59 43.787 N LONG:90 03 47.331 W |
| | No access, no UST apparent UST visible |
| | No photos taken |
| | PRIORITY-Closed |
| 1139 | AI 14993– PDA881-DL – 100605 – 1139 |
| | Shell # 137490, 2035 Gentilly Ave. New Orleans, Orleans Parish ( FC# 5) |
| | LAT: 29 59 23.318 N LONG: 90 04 21.565 W |
| | No UST damage noted. Looted, No electricity. Three Foot Water mark. |
| | Priority Closed |
| | No photos taken. |
| | PRIORTY – low |
| 1146 | AI 69748 – PDA881-DL – 100605 – 1146 |
| | Three Plus Spur, 2025 Gentilly Ave, New Orleans, Orleans Parish (FC# 5) |
| | LAT: 29 59 02.016 N LONG: 90 04 24.277 W |
| | Water Damage looted, No electricity, Not in service. |
| | No photos taken. |
| | PRIORITY – Closed |
| 1157 | AI 78571– PD881-DL – 100605 – 1157 |
| | Peak Inc., 2950 St Anthony Ave, New Orleans, LA, Orleans Parish ( Highway Traffic Control Facility) |
| | LAT: 29 59 17.315 N LONG: 90 03 47.782 W |
| | Former above ground Diesel storage tank removed three years according to manager |
| | Operational, no electricity |
| | No photos taken. |
| | Priority – Closed |
| 1230 | AI 5672 /Ai 68978 – PDA881-DL – 100605 – 1230 |
| | Sewerage & Water Board of New Orleans, 2900 PeoplesAve/2929 Eads St., New Orleans, La, Orleans Parish (FC#13) |
| | LAT: 29 59 18.117 N LONG: 90 02 48.496 W |
| | Flooding noted, Minor damage. No UST damage apparent. No apparent looting noted. Power restored. |
| | PRIORITY = closed |
| | No photos taken. |
| 1250 | AI 79937 – PDA881-DL – 100605 – 1250 |
| | World Com ,2702 Arts St., New Orleans, LA, Orleans Parish( Communications Tower) |
| | LAT: 29 59 13.003 N LONG: 90 03 04.667 W |
| | Facility is not operating, no electricity, Damage, flooding damage. |
| | No visible UST noted for inspection. Permanent Generators on Natural Gas disconnected.. |
| | PRIORITY-Closed No photos taken |
| | No photos taken |
| 1303 | AI 69830 –PDA881-DL-100605 -1303 |
| | New Orleans Switch, 3140 Eads St., New Orleans, Orleans Parish (unknown purpose) |
| | Lat.: 29 59 25.412 N Long.: 90 02 56.384 W |
| | Facility not operating. No electricity. |
| | Flooded |
| | No damage visible. Large above ground tank for generator present. |
| | Priority Closed |

| | |
|---|---|
| | No photos Taken |
| 1330 | AI 98003 –PDA881-DL-100605-1330 |
| | New Orleans Sewer and Water, 4801 Harbor Road ,New Orleans, Orleans parish, FC# 13 |
| | Lat: 29 58 54.950 N Long: 90 01 25.601 W |
| | Generator station for pump station # 19 .no UST damage or release. Flood damage,. Power back on. |
| | Priority closed |
| | No Photos Taken |
| 1350 | AI 26079-PDA881-100605-1350 |
| | City of N. O. Equipment Maint New Orleans,3800 Alvar St. New Orleans, Orleans Parish |
| | Lat: 29.954696 N Long:-90.079258 W |
| | Facility not back in service., No apparent UST Flood Damage. not in use by current tenant |
| | No electricity |
| | Priority –closed |
| | No Photos Taken. |
| 1408 | AI 23775-PDA881-100605-1408 |
| | Regional Transit Authority,3900 Desire Parkway , New Orleans, Orleans Parish (FC# 13) |
| | Lat: 30 00 03.624 N Long: 90 02 00.886 W |
| | Facility closed .No electricity. Flood Damage,. No electricity, No UST damage or release |
| | Priority closed |
| | NO photos taken |
| 1420 | AI 69068 –PDA881-100605- 1420 |
| | Gentilly Quick Stop now operating as Tire Town ,3868 Gentilly Blvd., New Orleans, Orleans Parish ( FC# 5) |
| | Lat :30 00 08.836 N Long:90 02 34.410 W |
| | No fuel dispensers or tanks present, listed as a remediation site |
| | No electricity .no apparent flooding, |
| | Priority Closed |
| | No pictures taken |

Owner Operator Name: Gentilly Quick Stop

Facility Name: Tire Town currently

Facility Address, City, Parish:

3868 Gentilly Blvd NO LA

AI#: 69068

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NO

3. What is the status of electricity? Grid/Generator?

   NONE

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? No flooding

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?

   WIND damage only

7. Did the equipment/tanks/etc. overflow?

   NO

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Noa Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Regional Transit Authority

Facility Name: No Transit Authority

Facility Address, City, Parish: 3900 Desire Pkway, NO LA } Appx 1/2" sediment (one half inch)

AI#: 2377

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   IN progress-

3. What is the status of electricity? Grid/Generator?
   NONE

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? YES, Appx 4-6' (Feet) WATER
   USTS were submerged- no evidence of release

5. Are portions of the facility still submerged?
   NO

6. What is the extent of damage caused by Hurricane Katrina?
   FLOODING

7. Did the equipment/tanks/etc. overflow?
   No evidence seen

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: City of New Orleans

Facility Name: Maintenance Vehicle

Facility Address, City, Parish: 3800 Avan st -(Appx 1 inch of sediment)

AI#: 26079

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? No

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NO- IN progress

3. What is the status of electricity? Grid/Generator?

   NONE

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   Yes- Appx 8 feet

5. Are portions of the facility still submerged?

   NO

6. What is the extent of damage caused by Hurricane Katrina?

   Flooding

7. Did the equipment/tanks/etc. overflow?

   were submerged - no evidence of spill or leak

8. GPS Readings

   Signal available on GPS. DID NOT LOG INTO UNIT.

   LAT: 29 59 16.664 LONG: 90 01 47.141

   HAD TO TAKE map location only

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: City of NO

Facility Name: Sewage + water

Facility Address, City, Parish: 4801 Harbor Rd NO LA

AI#: 98003

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NO

3. What is the status of electricity? Grid/Generator?

   NONE

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   Yes Appx 10-12'

5. Are portions of the facility still submerged?

   NO

6. What is the extent of damage caused by Hurricane Katrina?

   Flood

7. Did the equipment/tanks/etc. overflow?

   Unknown

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: NO Switch?

Facility Name: " "

Facility Address, City, Parish: 3140 Eads St NO LA

AI#: 69630

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NO

3. What is the status of electricity? Grid/Generator?

   Is on electric switch / Above ground fuel oil generator

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? Yes – Appx 10-12' fuel tank was submerged.

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?

   Water damage

7. Did the equipment/tanks/etc. overflow? No sign of spill or Release

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: World COM (?) microwave digital tower

Facility Name: World COM?

Facility Address, City, Parish: 2702 ARTS St

AI#: 79937

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   NO - IN progress

3. What is the status of electricity? Grid/Generator?
   NO -

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? Flood 10-12' (feet)

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?
   Electrical damage to lower portion of tower

7. Did the equipment/tanks/etc. overflow? NO Runs off natural gas

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: NO Sewage/Water Board

Facility Name: " "

Facility Address, City, Parish: 2900 ~~Sewage~~ Peoples Ave NO LA

AI#: 5672

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? YES

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   YES

3. What is the status of electricity? Grid/Generator?
   POWER

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? YES-all pumps submerged (3 diesel pumps) APPX. 10' OF water (TEN)

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?
   water WIND

7. Did the equipment/tanks/etc. overflow?
   No evidence of flow.

8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Preax Inc

Facility Name: Preax Inc

Facility Address, City, Parish: 2950 St Anthony Ave NO LA

AI#: 78571

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   IN Progress

3. What is the status of electricity? Grid/Generator?
   Power out

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? Facility flooded appx 3 feet
   No units visible

5. Are portions of the facility still submerged? No

6. What is the extent of damage caused by Hurricane Katrina?
   Wind, Flooding

7. Did the equipment/tanks/etc. overflow? NO

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Three Plus Spur

Facility Name: Three Plus Spur

Facility Address, City, Parish: 2025 Gentilly Blvd

AI#: 69748

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NO

3. What is the status of electricity? Grid/Generator?

   NONE

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? YES Appx 1.5 feet - Appx 15-20 feet of water on dispenser pumps.

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina? Dispenser pumps knocked over - No evidence of release. Wind damage

7. Did the equipment/tanks/etc. overflow?

   NO

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rick Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Shell 137490

Facility Name: Shell

Facility Address, City, Parish: 2035 Gentilly Blvd NO LA

AI#: 14993

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NOT YET

3. What is the status of electricity? Grid/Generator?

   No Power

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? YES- Appx 6 feet - dispensers submerged

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?

   Flooding, broken glass

7. Did the equipment/tanks/etc. overflow? NO overflow, Tank fill ports are NOT tipping sidewalks

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Dillard University

Facility Name: Dillard University

Facility Address, City, Parish: 2601 Gentilly BLVD NO LA

AI#: 9797

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? No

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   not yet - in progress

3. What is the status of electricity? Grid/Generator?
   Power - from generator (?)

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? Some standing water in front yard of university - but did not flood building

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?
   Trees down

7. Did the equipment/tanks/etc. overflow?
   NO

8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Parkway Nursery / Dept of Parks - New Orleans

Facility Name: ~~Park~~ New orleans Nursery - Tree Department

Facility Address, City, Parish: 2829 Gentilly Blvd

AI#: 75062

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? YES

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   NO

3. What is the status of electricity? Grid/Generator?
   Power appears OUT

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? NO FLOODING

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?
   Trees down.

7. Did the equipment/tanks/etc. overflow?
   NO

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Shell 137470

Facility Name: Shell?!

Facility Address, City, Parish: 2900 Gentilly Blvd NO LA

AI#: 4635

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   NO: IN ~~[illegible]~~ closure monitoring

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NO

3. What is the status of electricity? Grid/Generator?

   NO

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   NONE

5. Are portions of the facility still submerged?

   NONE

6. What is the extent of damage caused by Hurricane Katrina?

   NOT IN operation - closed

7. Did the equipment/tanks/etc. overflow?

   NO

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

Owner Operator Name: Shell Retail

Facility Name: Shell

Facility Address, City, Parish: 29[illegible] Gentilly

AI#: 13650

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   NO

3. What is the status of electricity? Grid/Generator?
   NONE

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
   No apparent flooding

5. Are portions of the facility still submerged?
   NO

6. What is the extent of damage caused by Hurricane Katrina?
   NONE

7. Did the equipment/tanks/etc. overflow?
   NO

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/6/05
Date

Inspector(s): Rich Johnson 10/6/05
Date

Inspector(s): _____
Date

AI #s: 71569, 98003, 14438, 20802 32513 9009 84258 4859, 124810, 130534

| UNIT LOG | 1. Incident Name: HURRICANE KATRINA | 2. Date Prepared: 10/12/05 | 3. Time Prepared: 10/13/05 9:30 AM |
|---|---|---|---|
| 4. Unit Name/Designators: UST Team 3 LDEQ RSD | 5. Unit Leader (Name and Position): Rich Johnson, LDEQ (RSD) | | 6. Operational Period: 10/12/05 |

7. Personnel Roster Assigned

| Name | ICS Position | Home Base |
|---|---|---|
| Nora Lane | LA DEQ RSD | Baton Rouge, LA |
| Danny Hackett | START | Kenner, LA |
| Paul Davila | START | Kenner, LA |
| | | |
| | | |

8. Activity Log

| Time | Major Events |
|---|---|
| 10:05 AM | NO Sewage - Large convention center. No flooding, Full power; no damage - no overfilled equip. AI 71569 |
| 10:35 AM | Moncus Accents Florist & Gifts AI ? NONE Katrina. Not operating, no repairs made, no electricity, 2 feet of flooding, no power, lots of wind damage, no equip at site. |
| 10:40 | Pump Station #19: AI 98003 Already visited previously - |
| 10:47 AM | Bell South Telecommunication AI 14438 Not operating, repairs in progress, power working, flooded approx 3 feet, water damage; no equip affected |
| 11:05 AM | Bohn Bros Construction. AI 20802 Clean up in progress, NO electricity, Appx 8-10' flooding, no remaining water; wind + water damage, no evidence of any equip/tanks affected/release |
| 11:25 AM | Namasco Corp AI 32513 Clean up in progress; some electricity, 3-4 feet of flooding; water + wind damage, NO sign of affected regulated units. |
| 12:00 PM | US Coast Guard AI 9009 Operating on levee; repairs in progress, Unknown electricity, facility did not appear to be flooded, WIND damage; NO regulated units affected |
| 12:[illegible] PM | New Orleans ~~Sewage + Water~~ Jackson Barracks. AI 84258 Clean up in progress; repairs in progress, no power (generators); Appx 3 feet of flooding; wind and water damage; no evidence of affected regulated units |
| 12:49 PM | NO Sewage - East Bank Sewage Treatment Plant. AI 4859. Not operating, repairs in progress, Power via Generator, Appx 8-10' flooding (or more) flood + wind damage |
| 1:12 PM | Sewage + Water Pump Station #5 AI 124810 NONE Not operating, repairs in progress - 8-10 feet of flooding. ~~on generator~~ NO units affected |

9. Prepared by (Name and Position): Nora Lane LDEQ RSD

ICS 214

10:05

Owner Operator Name: City of New Orleans

Facility Name: NO Sewage + Water

Facility Address, City, Parish: 1321 Orleans Ave, NO LA

AI 71569

AI#: 71569

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? Yes

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   Yes

3. What is the status of electricity? Grid/Generator?
   Full Power

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
   No flooding

5. Are portions of the facility still submerged?
   No

6. What is the extent of damage caused by Hurricane Katrina?
   None

7. Did the equipment/tanks/etc. overflow?
   NO

8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

10:35 AM

Owner Operator Name: MONA'S Accents FLORIST + Gift Basket Co

Facility Name: " "

Facility Address, City, Parish: 2109 N Claiborne

AI#: 130534

NO AI

69135 Jenno Oil 2130 N Claiborne

71534 Shell 2150 N Claiborne

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? NO
2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   NO
3. What is the status of electricity? Grid/Generator?

   NONE
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   ~~AI~~ Appx 2 feet
5. Are portions of the facility still submerged?

   NO
6. What is the extent of damage caused by Hurricane Katrina?

   WIND
7. Did the equipment/tanks/etc. overflow?

   NONE @ location
8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/12/05 Date

Inspector(s): Rich Johnson 10/12/05 Date

Inspector(s): _____ Date

Appx. 10 40 Am

Owner Operator Name: New Orleans

Facility Name: Pump Station #19

Facility Address, City, Parish: Harbor Rd. NO LA

AI#: ~~8772~~ 98003 — Previously visited this site on Oct 5 2005

AI-98003

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating? YES

2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   IN progress

3. What is the status of electricity? Grid/Generator?
   Diesel generator

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? Appx 12'

5. Are portions of the facility still submerged? NO

6. What is the extent of damage caused by Hurricane Katrina?
   Flood

7. Did the equipment/tanks/etc. overflow?
   NO

8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nina Lure 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

10:47

Owner Operator Name: BellSouth Telecomm.

Facility Name: " "

Facility Address, City, Parish: 1740 Franklin Ave NO LA

AI 14438

~~AI~~: ~~3459~~ AI 14438

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   IN progress

3. What is the status of electricity? Grid/Generator?

   Yes

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   Appx 3feet

5. Are portions of the facility still submerged?

   NO

6. What is the extent of damage caused by Hurricane Katrina?

   Water

7. Did the equipment/tanks/etc. overflow?

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Cane 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

11:05

Owner Operator Name: Boh Brothers Construction

Facility Name: " "

Facility Address, City, Parish: 1435 Japonica St NO LA AI 20802

AI#: ~~15079~~ 20802

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?
   IN progress of cleanup
2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   IN progress
3. What is the status of electricity? Grid/Generator?
   No Power
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
   Appx 8-10'
5. Are portions of the facility still submerged?
   NO
6. What is the extent of damage caused by Hurricane Katrina?
   Wind | water
7. Did the equipment/tanks/etc. overflow?
   Regulated units not affected
8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Lisa Lane 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

11:25AM

Owner Operator Name: Namasco Corp

Facility Name: " "

Facility Address, City, Parish: 4501 N Miro St NO LA

AI #
32513

AI#: ~~12724~~ 32513

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?
   Clean up
2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   IN. progress
3. What is the status of electricity? Grid/Generator?
   Some power
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.? 3-4 feet flooding.
5. Are portions of the facility still submerged? NO
6. What is the extent of damage caused by Hurricane Katrina?
   water/ WIND
7. Did the equipment/tanks/etc. overflow?
   NO SIGN of leaks or overflows
8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

∴ 12:00pm Appx

Owner Operator Name: US Coast Gaurd

Facility Name: " "

Facility Address, City, Parish: 4640 Urquhart St NO LA

AI #
9009

AI#: 231341 -9009

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?
   Partially
2. Has the facility made any necessary repairs? In what time frame were the repairs made?
   IN progress
3. What is the status of electricity? Grid/Generator?
   Unknown
4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?
   NO
5. Are portions of the facility still submerged?
   NO
6. What is the extent of damage caused by Hurricane Katrina?
   WIND
7. Did the equipment/tanks/etc. overflow?
   NO
8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

12:26 PM

Owner Operator Name: JACKSON BARRACKS

Facility Name: ? ENOI Purchase ?

Facility Address, City, Parish: Claiborn Ave 6435

AI#: ~~18955~~ 84258

AI # 84258

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   IN progress

3. What is the status of electricity? Grid/Generator?

   Generator

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   3' or more feet

5. Are portions of the facility still submerged?

   NO

6. What is the extent of damage caused by Hurricane Katrina?

   Wind/ water

7. Did the equipment/tanks/etc. overflow?

   No evidence of regulated units impacted

8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nora Lane 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

:1249PM

Owner Operator Name: New Orleans City

Facility Name: East Bank Sewage Treatment Plant

Facility Address, City, Parish: 6501 Florida Ave. NO LA

AI#: ~~5494~~ 4859

AI? 4859

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   IN progress

3. What is the status of electricity? Grid/Generator?

   Generator

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   Yes- Appx 8-10' or more. NO units impacted

5. Are portions of the facility still submerged?

   NO

6. What is the extent of damage caused by Hurricane Katrina?

   FLOOD / WIND

7. Did the equipment/tanks/etc. overflow?

   NO

8. GPS Readings

LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nan Lane 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

1:12pm

Owner Operator Name: New Orleans City

Facility Name: Sewage + Water Pump Stn #5

Facility Address, City, Parish: 4841 Florida Ave, NOLA

AI#: ~~8764~~ 124810 NO AI

Facility Inspection Information Needed for EPA Database:

1. Is the facility operating?

   NO

2. Has the facility made any necessary repairs? In what time frame were the repairs made?

   IN progress, contractors onsite

3. What is the status of electricity? Grid/Generator?

   Generator

4. Did the facility flood? What is the extent of flooding? Did the flooding impact regulated units such as process units, secondary containment, etc.?

   Yes 8-10'

5. Are portions of the facility still submerged?

   NO

6. What is the extent of damage caused by Hurricane Katrina?

   Flood/WIND

7. Did the equipment/tanks/etc. overflow?

   NO

8. GPS Readings

   LAT: LONG:

NOTE: Take digital photos of every facility you visit. Attach a diskette for each site (1 per site).

Inspector(s): Nga Tare 10/12/05
Date

Inspector(s): Rich Johnson 10/12/05
Date

Inspector(s): _____
Date

# DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY


December 30, 2007

CERTIFIED MAIL (7005 1820 0002 2095 0847)
RETURN RECEIPT REQUESTED

SEWERAGE & WATER BOARD OF NEW ORLEANS
2900 Peoples Avenue
New Orleans, LA 70122

**RE: SEWERAGE & WATER BOARD OF NEW ORLEANS**
**WARNING LETTER**
**ENFORCEMENT TRACKING NO. UE-L-07-0979**
**AI No. 5672**

Dear Sir:

On or about July 30, 2007, an inspection of the above referenced facility was conducted to determine compliance with the Louisiana Environmental Quality Act and supporting regulations. The inspection report, noting areas of concern, has been forwarded to the Enforcement Division. All violations at your facility will be taken into consideration in determining what further actions this office will take.

We strongly encourage you to review the findings of our most recent inspection and immediately take any and all steps to ensure compliance with all environmental regulations at your facility.

Please address any questions or comments regarding this potential civil enforcement matter to Richie Coleman at (225) 219-3792, or send written comments to the address below.

Sincerely,

Peggy M. Hatch
Administrator
Enforcement Division

PMH/RLC/rlc
Alt. ID No. 36-008336

c: Blaise Guzzardo, Regional Manager
Southeast Regional Office


ENVIRONMENTAL **COMPLIANCE**
: PO BOX 4312, BATON ROUGE, LA 70821-4312
P:225-219-3700 F:225-219-3708
WWW.DEQ.LOUISIANA.GOV

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 5672 INSPECTION DATE: 1/4/05 TIME OF ARRIVAL: 1010

ALTERNATE ID#: 36-008336 (ID Type/Number) DEPARTURE DATE: 1/4/05 TIME OF DEPARTURE: 1700

FACILITY NAME: NEW ORLEANS SEWERAGE + WATER BOARD PH #: 504-942-3851

LOCATION: 2900 PEOPLES AVENUE, NEW ORLEANS

PARISH NAME: ORLEANS

RECEIVING STREAM (BASIN/SUBSEGMENT):

MAILING ADDRESS: 2900 PEOPLES AVENUE (Street/P.O. Box) NEW ORLEANS (City) LA (State) 70122 (ZIP)

FACILITY REPRESENTATIVE: GEORGE JACOBSEN TITLE: CONTRACTOR

FACILITY REPRESENTATIVE PHONE NUMBER: 504-341-7217

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR WASTE WATER OTHER UST

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

DURING AN INSPECTION OF THIS FACILITY THE FOLLOWING ITEMS WERE FOUND:

1. TWO 4000-GALLON, BARE STEEL, DIESEL TANKS WERE NO LONGER BEING USED AND SCHEDULED FOR REMOVAL.

2. DRY ICE WAS USED TO REMOVE VAPORS FROM THE TANKS.

3. GROUNDWATER WAS ENCOUNTERED AT 8'.

**AREAS OF CONCERN:**

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☑ YES ☐ NO SAMPLES TAKEN: ☐ YES ☑ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE:

PRINT NAME:

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): CROSS REFERENCE:

ATTACHMENTS:

REVIEWER:

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

Bm 7/30/05

"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21st CENTURY"

# Sewerage & Water Board OF NEW ORLEANS

C. RAY NAGIN, JR., President
SIDNEY H. EVANS, JR., President Pro-Tem

625 ST. JOSEPH STREET
NEW ORLEANS, LA., 70165 • 585-2000
www.swbnola.org

March 22, 2005

Louisiana Department Of Environmental Quality
Office of Environmental Compliance
Enforcement Division
602 N. Fifth Street
Baton Rouge, LA 70802
Attn: Peggy Hatch

RECEIVED
MAR 24 2005
OFFICE OF
ENVIRONMENTAL COMPLIANCE
ENFORCEMENT DIVISION

Re: Permit No. 2140-00128-00

Dear Ms. Hatch:

This is to notify you that the Sewerage and Water Board of New Orleans was required to operate our No. 5 Turbine at the Carrollton Water Plant on diesel fuel Tuesday, March 15, 2005, for 8 minutes from 1:25pm to 1:33pm, and for 21 minutes from 2:00pm to 2:21pm.

The turbine was also run on diesel on Thursday, March 17, 2005, from 4:59 to 5:30pm.

The subject turbine required repairs to its start-up mechanisms to the extent that seven days of investigation was needed to determine the specific problems. Consequently, the turbine was put through startup numerous times using natural gas with verification of diesel fuel to insure operational integrity. The three diesel tests lasted a total of 80 minutes

The operators got involved to the extent that they over sighted the call-in procedure to the LDEQ. Jim Stone of the Southeast Regional Office was notified of these conditions via e-mail on March 18, 2005 and is copied on this letter.

Members of the Board: JOHN JAY BATT, JR. • HENRY A. DILLON, JR. • BENJAMIN L. EDWARDS, SR. • SIDNEY H. EVANS, JR. • NORMA E. GRACE, JR. • BARBARA LAMONT
C. RAY NAGIN, JR. • PENELOPE RANDOLPH • EDDIE L. SAPIR • FLORENCE W. SCHORNSTEIN • GARY N. SOLOMON • OLIVER M. THOMAS • TOMMIE A. VASSEL
"An Equal Opportunity Employer"

We are now confident that we have corrected the mechanisms to the extent that any further tests can be conducted with natural gas.

These test procedures were necessary allow the S&WB to insure back –up capability for flood control purposes in order to protect life and property.

Should you require any additional information please contact me at (504) 942-3855.

Yours very truly,

Gordon C. Austin
Chief, Environmental Affairs
Sewerage and Water Board of New Orleans

cc: Mr. Jim Stone, LDEQ, Southeast Regional Office
Mrs. Marcia St.Martin, Interim Executive Director
Mr. G.J. Sullivan, General Superintendent
Mr. Jack Huerkamp, Chief of Operation
Mr. George Belteau, Pumping and Power

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1 From

Date 3/23/05 Sender's FedEx Account Number 1 927 6282

Sender's Name Gordon C. Austin - Chief Phone 5

Company Sewerage & Water Board of

Address 2900 Peoples Ave. - Room 215

City New Orleans, State LA ZIP 70122

2 Your Internal Billing Reference Gordon C. Austin-0070 (E.A.D.)

3 To

Recipient's Name Peggy Hatch - D.E.Q. Phone

Company D.E.Q. - Office of Environmental Compliance Enforcement Division

Address 602 N. Fifth Street

Address

City Baton Rouge, State LA ZIP 70802

8428 7333 6266

FedEx emp: 261785 23MAR05 PRIORITY OVERNIGHT THU

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**MODIFICATION OF AGREEMENT TO ENTER INTO DISPUTE RESOLUTION DISCUSSION AND TO EXTEND DEADLINE FOR DECISION ON REQUEST FOR HEARING**

RECEIVED
JAN 27 2005
LA. DEPT. OF ENV. QUALITY
LEGAL AFFAIRS DIVISION

The Department of Environmental Quality (DEQ) and the Sewerage & Water Board of New Orleans agreed on November 23, 2004 to enter into dispute resolution discussions to attempt to resolve any and all issues raised by Respondent's November 2, 2004 request for an adjudicatory hearing regarding the Penalty Assessment, Enforcement No. AE-P-04-0221, Agency Interest No. 4859 and 5673 issued by DEQ against Respondent on October 7, 2004.

The parties hereby further agree that these dispute resolution discussions shall be extended and shall be concluded by **April 11, 2005**. The parties, by modification to this Agreement, may extend the time period for dispute resolution discussion up to a year from the date of the original Agreement. The date of this Agreement shall be the latest date noted below.

Either party may withdraw from the dispute resolution process by sending a written notice of withdrawal to the other party, via certified mail, return receipt requested.

The parties further agree that the deadline for the Secretary of DEQ to grant or deny Respondent's hearing request is extended until the thirtieth day following either:

- the above-mentioned date for concluding the dispute resolution discussions
- the date either party withdraws from the dispute resolution process
- the 365th day following the date of this agreement

whichever occurs first.

This dispute resolution agreement relates to the penalty calculation in Section VII of the Penalty Assessment. All other Findings of Fact and Order sections are not disputed and are deemed final.

Each undersigned representative of the parties certifies that he/she is fully authorized to enter into the terms and conditions of this Agreement and to bind the party he/she represents to this Agreement.

This agreement is executed in **duplicate** original.

**Louisiana Department of Environmental Quality**

By: _____

Title: Senior Attorney, DEQ

Date: 10 January 2005

**Sewerage & Water Board of New Orleans**

By: _____

Title: Chief Environmental Officer

Date: 1/14/05

RECEIVED
NOV 04 2004
LA. DEPT. OF ENV. QUALITY
LEGAL AFFAIRS DIVISION

"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21st CENTURY"

# Sewerage & Water Board OF NEW ORLEANS

C. RAY NAGIN, JR., President
SIDNEY H. EVANS, JR., President Pro-Tem

625 ST. JOSEPH STREET
NEW ORLEANS, LA., 70165 • 585-2000
www.swbnola.org

November 2, 2004

Louisiana Department Of Environmental Quality
Office of the Secretary
602 N. Fifth Street
Baton Rouge, LA 70802
Attn: Hearing Clerk, Legal Division

**Re: Enforcement Tracking NO. AE-P-04-0221**
**Agency Interest NOS. 4859 & 5673**

Dear Sir or Madam:

This letter is to request an adjudicatory hearing on certain facts set forth in the agency's October 7, 2004 Penalty Assessment Notice from Ms. Peggy Hatch, Administrator, Enforcement Division.

The October 7, 2004 Penalty Assessment states that a penalty was assessed in the amount of $9,779.53 based on the factors set forth in Section 2025(E)(3) of the Act.

The Sewerage and Water Board of New Orleans respectfully requests that the amount of the monetary penalty be withdrawn based on the following information and in accordance with the guidelines set out in said Section 2025(E)(3)(a). They are:

| | | RESPONSE: |
|---|---|---|
| (i) | The history of previous violations or repeated noncompliance. | The Board suggests this is a one-time violation for failure to prepare a report. |
| (ii) | The nature and gravity of the violation. | This was a minor failure to report which was accomplished, but late. The Board needs an engineering firm to prepare same because of the technical nature of same. |

Members of the Board: HENRY A. DILLON, JR. • BENJAMIN L. EDWARDS, SR. • SIDNEY H. EVANS, JR. • NORMA E. GRACE • WILLIAM F. GRACE, JR. • MARLIN N. GUSMAN
BARBARA LAMONT • C. RAY NAGIN • PENELOPE RANDOLPH • EDDIE L. SAPIR • GARY N. SOLOMON • OLIVER M. THOMAS • TOMMIE A. VASSEL
"An Equal Opportunity Employer"

| | | |
|---|---|---|
| (iii) | The gross revenues by the respondent. | None. The S&WBNO is a public agency operated for the use and benefit of the citizens and sewerage and water rate payers of New Orleans. As this is the case the S&WB does not generate any profit in the sense of a private business. All revenue is required to be used for the benefit of operating the agency. |
| (iv) | The degree of culpability, recalcitrance, defiance, or indifference to regulations or orders. | None. |
| (v) | The monetary benefits realized through noncompliance. | None. There was no monetary benefit. The S&WB was required to contract with an engineering consultant to prepare the required reports at a cost of $9,541.54 |
| (vi) | The degree of risk to human health or property caused by the violation. | None. |
| (vii) | Whether the noncompliance or violation and the surrounding circumstances were immediately reported to the department and whether the violation or noncompliance was concealed or there was an attempt to conceal by the person charged. | Not applicable. As soon as the S&WBNO was made aware of the problem by the department, the required information was provided. |
| (viii) | Whether the person charged has failed to mitigate or to make a reasonable attempt to mitigate the damages caused by his noncompliance or violation. | No damage caused. |

In summary, the S&WBNO requests an adjudication of the agency's October 7, 2004 Penalty Assessment, the Board suggesting that the monetary penalty be withdrawn based on the foregoing. There was no monetary benefit that accrued to the S&WBNO. The Louisiana Department of Environmental Quality's cost of time and effort in bringing this action should have been minimal and no environmental damage should have occurred as a result of this action. The Board was taking and did take steps to employ an engineer to prepare the required report.

Yours very truly,

Marcia St. Martin
Executive Director

cc: John Lambert, Legal Department
Gordon C. Austin, Environmental Affairs

# State of Louisiana
## Department of Environmental Quality

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

**Southeast Regional Office**
**Air Quality Compliance Inspection Report**

Inspection Date: March 29, 2004 Incident No.: None

AI No.: 103729 Alt. ID/Permit No. 2140-00131-00

Company Name: Sewerage And Water Board of New Orleans

Physical Location: 4201 Tall Spruce Drive (end)

New Orleans (City) LA (State) Parish: Orleans

Mailing Address: 625 Joseph St., Rm. 233 (Address) New Orleans (City) LA (State) 70165 (Zip)

Facility Representative/Title: Gerald Boothe, Assistant Supervisor

Facility Representative Telephone No.: (504)585-2415

LDEQ Lead Inspector: Jim Stone

Other Inspectors: None

Report By: Jim Stone, Environmental Scientist 3/31/04 (Date)

Reviewed By: Blaise Guzzardo, Environmental Scientist Supervisor 4/1/04 (Date)

AI No.:103729 AI Name :.Sewerage & Water Board of New Orleans #13
Alt. ID No.: 2140-00131-00 Date of Inspection : March 29, 2004

**INTRODUCTION:** This was a scheduled, unannounced FCE inspection of an Air Quality site. The last full inspection of the site was on August 13, 1998

**FACILITY DESCRIPTION:** This is one of the large pumping stations owned by the Sewerage & Water Board of New Orleans. The station is used to provide drainage for Algiers by pumping water from the storm drains to the Intracoastal Waterway. This is accomplished by the use of electric pumps for most rainfall events. If the rainfall event is unusually large or if the electric pumps are inoperative the station has two diesel powered pumps. They also have two auxiliary generators; a diesel powered air compressor and two diesel fuel tanks.

**FACILITY HISTORY:** Originally this was a grandfathered site. It was issued Air Quality Permit 2140-00131-00 on March 20, 1997.

**AREAS EVALUATED:** The facility's permit, 2140-00131-00, does not carry any specific conditions. The facility is a minor source of toxic air pollutants. At the time of the inspection a rain event was occurring but the diesel equipment was not in operation. The site records indicate that the equipment is well maintained. Housekeeping appeared to be good.

The air emission points on site are:
14-86 2000 hp diesel pump
15-86 2000 hp diesel pump
16-86 30 hp diesel air compressor
17-86 14,600 gallon diesel tank
18-86 14,600 gallon diesel tank
19-86 334 hp diesel generator
20-86 334 hp diesel generator

No problems were noted during the inspection.

**SUMMARY OF OBSERVATIONS:** No problems were noted during the inspection.

# LIST OF ATTACHMENTS

| | |
|---|---|
| **ATTACHMENT 1** | **Field Interview Form** |
| **ATTACHMENT 2** | **Permit 2410-00131-00** |

AI No.:103729 AI Name :.Sewerag & Water Board of New Orleans
#13
Alt. ID No.: 2140-00131-00 Date of Inspection : March 29, 2004

# ATTACHMENT 1

## Field Interview Form
## (1 Page)

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 103729 INSPECTION DATE: 3/25/04 TIME OF ARRIVAL: 2:39p

ALTERNATE ID#: 2140-00131-00 (ID Type/Number) DEPARTURE DATE: _____ TIME OF DEPARTURE: _____

FACILITY NAME: SWB of NO PH #: 504 585-2415

LOCATION: 4201 TALL SPRUCE DRIVE (ENO)

RECEIVING STREAM (BASIN/SUBSEGMENT): N/A PARISH NAME: ORLEANS

MAILING ADDRESS: 625 ST JOSEPH ST RM 233 NEW ORLEANS LA 70165
(Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: GERALD BOOTHE TITLE: ASSISTANT SUPERVISOR

FACILITY REPRESENTATIVE PHONE NUMBER: 504 585 2415

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):
MARCIA ST. MARTIN DEPUTY DIRECTOR

INSPECTION TYPE: FCE PROGRAM INVOLVED: (AIR) WASTE WATER OTHER _____

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

(1) THE FACILITY IS IN NORMAL OPERATION. NOTE A RAIN EVENT IS OCCURRING
(2) PERMIT 2140-00131-00 of MARCH 20, 1977
(3) THE DIESEL EQUIPMENT WAS NOT IN USE AT THE TIME OF THE INSPECTIONS
(4) ALL OF THE DIESEL ENGINES RAN LESS THAN 500 HRS LAST YEAR
(5) NO PROBLEMS WERE NOTED
(6) HOUSEKEEPING WAS GOOD.

**AREAS OF CONCERN:**

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Gerald Boothe

PRINT NAME: GERALD BOOTHE

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): JH Stone
JH STONE

CROSS REFERENCE: _____

ATTACHMENTS: _____

REVIEWER: Blaise Guzzardo

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# ATTACHMENT 2

## Permit 2140-00131-00
## (10 Pages)

Best Copy

# State of Louisiana

## Department of Environmental Quality

M.J. "MIKE" FOSTER, JR.
GOVERNOR

J. DALE GIVENS
SECRETARY

RECEIVED
MAR 24 1997
SOUTHEAST REGIONAL OFFICE

Ms. Marcia St. Martin
Deputy Director
Sewerage and Water Board of New Orleans
625 St. Joseph Street, Room 233
New Orleans, LA 70165

Dear Ms. St. Martin:

RE: Permit, Drainage Pumping Station No. 13, Sewerage and Water Board of New Orleans, New Orleans, Orleans Parish, Louisiana

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

The permit number cited below should be referenced in future correspondence regarding this facility.

Done this 20th day of MARCH, 1997.

Permit No.: 2140-00131-00

Very truly yours,

Gustave Von Bodungen

Gustave A. Von Bodungen, P.E.
Assistant Secretary

GVB:CBF

c: Southeast Regional Office

DANO 0240

**AIR PERMIT BRIEFING SHEET**
**AIR QUALITY DIVISION**
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**DRAINAGE PUMPING STATION NO. 13**
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**
**NEW ORLEANS, ORLEANS PARISH, LOUISIANA**

## I. BACKGROUND

Sewerage and Water Board of New Orleans operates Drainage Pumping Station No. 13, a grandfathered facility located on Tall Spruce Drive, Algiers, in Orleans Parish. All equipment was installed prior to 1969.

## II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated October 7, 1996 were received requesting a permit for a grandfathered facility.

## III. DESCRIPTION

Drainage Pumping Station No. 13 primarily uses pumps driven by electric motors to pump rainwater, collected in drainage canals throughout Algiers, into the Intracoastal Waterway. In case of power failure, there are two pumps driven by diesel engines and a supply of diesel fuel on site. The diesel pumps are also used to supplement the electric pumps during periods of very heavy rainfall. Other emission sources include two back-up diesel generator engines, one diesel air compressor engine and two diesel storage tanks.

The air compressor is used to provide compressed air to start the pump engines. The diesel generators are used to supply house and instrument power in case of power failure. All diesel engines on site are tested weekly to insure readiness.

Estimated emissions from the facility in tons per year are as follows:

| Pollutant | Emissions |
|---|---|
| $PM_{10}$ | 0.47 |
| $SO_2$ | 1.04 |
| $NO_x$ | 28.2 |
| CO | 6.2 |
| VOC | 0.71 |
| Methane | 0.097 |
| Ethane | 0.024 |



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Diesel storage tanks (Emission Points 17-84 and 18-84) are fixed roof tanks which vent to the atmosphere with no additional controls.

## IV. TYPE OF REVIEW

This application was reviewed for compliance with the Louisiana Air Quality Regulations. New Source Performance Standards (NSPS), NESHAP and Prevention of Significant Deterioration (PSD) do not apply.

This facility is a minor source of toxic air pollutants.

## V. PUBLIC NOTICE

Public notice is not required for a minor source.

**LOUISIANA AIR EMISSION PERMIT**
**GENERAL CONDITIONS**

I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The attached data and/or Emission Inventory Questionnaire sheets establish the emission and operating limitations and are a part of the permit. The synopsis and data sheets are based on the application and Emission Inventory Questionnaire dated October 7, 1996.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semi-annual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission



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rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Louisiana Air Quality Division.

VI. The permittee shall notify the Department of Environmental Quality, Air Quality Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Division's test manual or any other methods approved by the U.S. EPA. Any deviation from or modification of the methods used for testing shall have prior approval from the Louisiana Air Quality Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate, but in no event later than 180 days after initial start-up (or restart-up after modification). The Air Quality Division Surveillance Section shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Division within forty-five (45) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up of each project or unit, report to the Louisiana Air Quality Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the

Air Quality Division with the following information in writing within five (5) days of such conditions:

A. Description of noncomplying emission(s);
B. Cause of noncompliance;
C. Anticipated time the noncompliance is expected to continue, or, if corrected, the duration of the period of noncompliance;
D. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
E. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted

thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919.E as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Louisiana Air Quality Division, within ninety (90) days after the event, to amend this permit.

XVII. Typical emissions associated with routine operations that are under control upon release, that are predictable in nature, and that are quantifiable as described in this permit application, are considered authorized discharges. Any significant deviation from the emissions specified in the permit application for such discharges, by event, shall be reported to the department according to LAC 33:I.3901. Actual emissions resulting from such activities must be reported to the department on an annual basis. These emissions are not reflected in the permit totals as they are short term and/or intermittent in duration and have no significant impact on air quality. Examples of such events include but are not limited to cleaning equipment, startups, shutdowns, opening off-line equipment (dual units), and releases to control devices such as flares or incinerators. This permit condition does not authorize the maintenance of a nuisance or a danger to public health and safety.

**AIR QUALITY DATA SHEET**
**PAGE 1**

**DRAINAGE PUMPING STATION NO. 13**
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**
**NEW ORLEANS, ORLEANS PARISH, LOUISIANA**

Location of plant: 16 UTM: 210.50 Km E 3310.80 Km N

Description of location: Located on Tall Spruce Drive in Algiers

Estimated starting date of construction N/A

Estimated starting operation will begin Operating

Type of Dispersion Calculations Used: N/A

EFFECTS ON AMBIENT AIR

| Pollutant | Time Period | Calculated Maximum Ground Level Concentration | Louisiana Air Quality Standard (NAAQS) |
|---|---|---|---|

NEW X* OR MODIFIED ____ EMISSION SOURCES Drainage Pumping Station
*Grandfathered (Type of Source)

| Emission Point No. | Description | Operating Rate(Max) or Tank Capacity | Operating Schedule H/D | D/W | W/Y |
|---|---|---|---|---|---|
| 14-84 | Supplemental Diesel Pump Engine | 2000 hp | | 500 hrs/yr | |
| 15-84 | Supplemental Diesel Pump Engine | 2000 hp | | 500 hrs/yr | |
| 16-84 | Diesel Air Compressor Engine | 30 hp | | 500 hrs/yr | |
| 17-84 | Diesel Storage Tank | 14,600 gallon | 24 | 7 | 52 |
| 18-84 | Diesel Storage Tank | 14,600 gallon | 24 | 7 | 52 |
| 19-84 | Backup Diesel Generator Engine | 334 hp | | 500 hrs/yr | |
| 20-84 | Backup Diesel Generator Engine | 334 hp | | 500 hrs/yr | |

**AIR QUALITY DATA SHEET**
**PAGE 2**

**DRAINAGE PUMPING STATION NO. 13**
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**
**NEW ORLEANS, ORLEANS PARISH, LOUISIANA**

MAXIMUM/AVERAGE EMISSION RATES ARE LISTED IN LB/HR

| Emission Point No. | Permitted Emissions $PM_{10}$ | $SO_2$ | $NO_x$ | CO | VOC | OTHER | | HEIGHT Feet | TEMP. °F | FLOW RATE CFM |
|---|---|---|---|---|---|---|---|---|---|---|
| 14-84 | 0.96/0.80 | 2.12/1.76 | 57.62/48.02 | 12.69/10.57 | 1.45/1.21 | Methane:<br>Ethane: | 0.196/0.164<br>0.047/0.039 | 30 | 800 | 2384 |
| 15-84 | 0.96/0.80 | 2.12/1.76 | 57.62/48.02 | 12.69/10.57 | 1.45/1.21 | Methane:<br>Ethane: | 0.196/0.164<br>0.047/0.039 | 30 | 800 | 2384 |
| 16-84 | 0.014/0.012 | 0.032/0.026 | 0.86/0.72 | 0.19/0.16 | 0.022/0.018 | Methane:<br>Ethane: | 0.003/0.002<br>0.001/0.001 | 15 | 800 | 36 |
| 17-84 | - | - | - | - | Neg./Neg. | | - | 20 | 80 | NA |
| 18-84 | - | - | - | - | Neg./Neg. | | - | 20 | 80 | NA |
| 19-84 | 0.16/0.13 | 0.35/0.29 | 9.62/8.02 | 2.12/1.77 | 0.24/0.20 | Methane:<br>Ethane: | 0.033/0.027<br>0.008/0.007 | 20 | 800 | 398 |
| 20-84 | 0.16/0.13 | 0.35/0.29 | 9.62/8.02 | 2.12/1.77 | 0.24/0.20 | Methane:<br>Ethane: | 0.033/0.027<br>0.008/0.007 | 20 | 800 | 398 |

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AIR QUALITY DATA SHEET
PAGE 3

DRAINAGE PUMPING STATION NO. 13
SEWERAGE AND WATER BOARD OF NEW ORLEANS
NEW ORLEANS, ORLEANS PARISH, LOUISIANA

Permitted emissions are listed in tons per year

| Emission Point No. | $PM_{10}$ | $SO_2$ | $NO_X$ | CO | VOC | OTHER |
|---|---|---|---|---|---|---|
| 14-84 | 0.20 | 0.44 | 12.0 | 2.64 | 0.30 | Methane: 0.061<br>Ethane: 0.010 |
| 15-84 | 0.20 | 0.44 | 12.0 | 2.64 | 0.30 | Methane: 0.061<br>Ethane: 0.010 |
| 16-84 | 0.003 | 0.007 | 0.18 | 0.04 | 0.005 | Methane: 0.001<br>Ethane: <0.001 |
| 17-84 | - | - | - | - | 0.002 | - |
| 18-84 | - | - | - | - | 0.002 | - |
| 19-84 | 0.033 | 0.074 | 2.01 | 0.44 | 0.05 | Methane: 0.007<br>Ethane: 0.002 |
| 20-84 | 0.033 | 0.074 | 2.01 | 0.44 | 0.05 | Methane: 0.007<br>Ethane: 0.002 |
| Total | 0.47 | 1.04 | 28.2 | 6.2 | 0.71 | Methane: 0.097<br>Ethane: 0.026 |

DANO 0249

OCT-09-2000 15:25 C. R. PITTMAN CONST. INC. 10/25 LA 113277 5049474811 P.02/03 400.00

**NOTIFICATION OF DEMOLITION AND RENOVATION FOR** FORM AAC-2 REV 6/9/98

| # of ADVF's Requested | Parish # | Source # | ADVF # |
|---|---|---|---|
| 8 | Orleans | Roofing Material | LA01930 |

**I. TYPE OF NOTIFICATION** (CIRCLE ONE) ORIGINAL REVISED CANCELED ADDITIONAL

**II. FACILITY INFORMATION**

Contact: US Army Corps of Engineers

8

OWNER NAME: Sewerage & Water Board-N.O.

Telephone: 504-865-1121

Mailing Address: 625 St. Joseph Street ai(9-16) 3/7

City: New Orleans State: LA Zip: 70165

REMOVAL CONTRACTOR: THE ELLIS COMPANY, INC. La. Contractor's Liscense #: 9955 DEQ ID #: N/A

Address: 2201 Richland Street

City: Kenner State: LA Zip: 70062

Contact: Zachary Ellis Telephone: 504-469-3295

OTHER OPERATOR: N/A DEQ Project Designer #:

Address:

City: State: Zip:

Contact: Telephone:

**III. TYPE OF OPERATION** (CIRCLE ONE) Demo Ordered Demo Renovation Emergency Reno

**IV. IS ASBESTOS PRESENT?** (CIRCLE ONE) YES NO Inspection Date:

Inspector's Name: Kevin Darbonne Inspector's Accreditation #: 0S00161

2000 OCT 25 P 1:3

**V. FACILITY DESCRIPTION** (Include building name, number, and floor or room number)

Building/Component Name: SWB Pump Station #1 Fire Marshall Project #:

Street Address: 2501 So. Broad Street

City: New Orleans State: LA Zip: 70122 Parish: Orleans

Site Location: 2501 So. Broad St. Telephone:

Building Size: # of Floors: 1 Age in Years: 60+

Present Use: Water Handling Prior Use: Water Handling

**VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:**

| VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed | RACM to be Removed | Nonfriable Asbestos Material Not to be Removed | | Indicate Unit Measurement Below | |
|---|---|---|---|---|---|
| | | Cat I | Cat II | UNIT | |
| Pipes | None | None | None | Ln Ft: | Ln m: |
| Surface Area | None | None | None | Sq Ft: X | Sq m: |
| Vol RACM off Facility Component | 14,197 | None | None | Cu Ft: | Cu m: |
| VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) | | Start: 3/05/01 ~~10/25/00~~ | | Complete: 3/30/01 ~~11/25/00~~ | |
| IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) | | Start: ~~10/25/00~~ | | Complete: ~~11/25/00~~ | |

**REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-2530**

#37472

**NOTIFICAT I OF DEMOLITION AND RENOVATIO ORM (continued)**

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:

See Sheet "A" Attached

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

See Sheet "B" Attached

XII. WASTE TRANSPORTER #1

| | | | |
|---|---|---|---|
| Name: Vaughan Contractors Inc. | | Contact Person: H.P. Vaughan | |
| Address: 685 Bridge City Avenue | | | |
| City: Westwego | State: LA | Zip: 70094 | Telephone#: 504-436-7777 |

WASTE TRANSPORTER #2

| | | | |
|---|---|---|---|
| Name: N/A | | Contact Person: | |
| Address: | | | |
| City: | State: | Zip: | Telephone #: |

XIII. WASTE DISPOSAL SITE:

| | | | |
|---|---|---|---|
| Name: Livingston Parish Landfill (Site #D-063-1941) | | | |
| Location: 29375 Woodside Drive | | | |
| City: Walker | State: LA | Zip: 70785 | Telephone: 504-765-0249 |

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

| | | |
|---|---|---|
| Name: N/A | Title: | Authority: |
| Date of order (MM/DD/YY) | Date ordered to begin (MM/DD/YY) | |

XV. FOR EMERGENCY RENOVATIONS N/A

Date and hour of emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

N/A

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

See Attached "A" Sheet

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III,Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

(Signature of Owner/Operator/Contractor) 10/17/00 (Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

(Signature of Owner/Operator/Contractor) 10/17/00 (Date)

**PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.**

# INCIDENT REPORT

Incident ID: 68477

## Incident Reporter

**Received By:** Greg Hoover
**Received Date:** MAR-05-04 13:41:18
**Dispatch #:** c04-0588
**Reported By:** Steve StMartin, Other Governmental Agency
**Phone Desc:** 225-298-5458x123
**Reporter Title:** Safety Engineer
**Org Desc:** US Dept. of Labor, OSHA
**Address:** 9100 Bluebonnet Centre
Suite 201

**Municipality:** Baton Rouge
**State Code:** LA
**Zip Code:** 70809
**Comments:** 03/10/2004 - Inspectors Holly Herrmann, Robert Braud and Jeff Dauzat visited the referenced facility in response to the complaint. Inspectors spoke with the plant manager, Mr. Joe Ladek, and Mr. Reoland Isaac, both of the N.O. Sewerage and Water Board. Inspectors viewed the area undergoing paint scraping as part of on-going routine maintenance. No activity observed at this time. No evidence of suspect asbestos containing material was observed.

## Incident Description

**Incident Type:** Complaint, Asbestos Related
**Incident Date:**
**Parish:** Orleans
**Municipality:** New Orleans
**Location:** 1106 Pacific St, New Orleans
**Lat/Lon:**
**Basin/Segment:**
**Substance:** Asbestos
**Media Impacted:**
**Incident Desc:** c04-0588 Improper lead and asbestos removal at NO Sewage and Water Board

**Incident Type:** Complaint, Asbestos Related
**Incident Date:**
**Parish:** Orleans
**Municipality:** New Orleans
**Location:** 1106 Pacific St, New Orleans
**Lat/Lon:**
**Basin/Segment:**
**Substance:** Lead
**Media Impacted:**
**Incident Desc:** c04-0588 Improper lead and asbestos removal at NO Sewage and Water Board

## Incident Source

**Source Name:** Sewerage & Water Board of New Orleans
**Address:** 1107 Pacific St

**Municipality:** New Orleans
**State:** LA
**Phone:**
**Parish:** Orleans
**AI#:** 71570
**Related Permits:** 0
**Investigation Findings:** I (Robert Braud) referred the Pb complaint to the City of Orleans Permits Dept. on 3/9/04 @ 1414 hrs.

**INCIDENT REPORT**

Incident ID: 68477

**Incident Status**

**Lead Investigator:** Holly Herrmann
**Region:** Southeast
**Incident Status:** Pending Review
**As Of:** 03/10/2004

DB 3/15/04

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

INCIDENT# 68477

AGENCY INTEREST#: 71570 AI INSPECTION DATE: 03/10/04 TIME OF ARRIVAL: 9:40 AM

ALTERNATE ID#: _____ DEPARTURE DATE: — / — / — TIME OF DEPARTURE: 10:30 AM

FACILITY NAME: NEW ORLEANS SEWERAGE & WATER BOARD (ID Type/Number) PH #: 504 585-2407

LOCATION: 1100 AI PACIFIC STREET, NEW ORLEANS, LA 70114

PARISH NAME: NEW ORLEANS

RECEIVING STREAM (BASIN/SUBSEGMENT): _____

MAILING ADDRESS: _____ (Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: JOE LADEK TITLE: POWER DISPATCHER / PLANT MANAGER

FACILITY REPRESENTATIVE PHONE NUMBER: _____

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: COMPLAINT PROGRAM INVOLVED: (AIR) WASTE WATER OTHER Asbestos/Lead

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

SITE VISIT PERFORMED IN RESPONSE TO A COMPLAINT OF IMPROPER HANDLING/REMOVAL OF ASBESTOS AND LEAD MATERIALS AT THE REFERENCED FACILITY. INSPECTORS SPOKE WITH MR. JOE ~~LADEK~~ LADEK AI AND REGLAND ISAAC OF THE NEW ORLEANS SEWERAGE AND WATER BOARD AND VIEWED AREA UNDERGOING PAINT SCRAPING. INSPECTORS WERE INFORMED THAT THIS WORK IS ROUTINE MAINTENANCE AND IS CONTINUALLY ON GOING.

ROBERT BRAUD REFERRED THE COMPLAINT TO THE CITY OF NEW ORLEANS - NO ACTIVITY OBSERVED AT THIS TIME. NO EVIDENCE OF SUSPECT ASBESTOS CONTAINING MATERIAL OBSERVED.

**AREAS OF CONCERN:**

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☒ YES ☐ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Joseph Ladek Jr.

PRINT NAME: JOSEPH LADEK, JR

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Holly Herrmann, Robert Braud, Jeff Dauzat CROSS REFERENCE: _____

ATTACHMENTS: _____

REVIEWER: [signature]

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

REVISED: 02/03/2003

50.00

# NOTIFICATION OF DEMOLITION AND RENOVATION FORM

FORM AAC-2 REV 5/12/95

| # of ADVF's Requested | Parish # | Source # | ADVF # |
|---|---|---|---|
| 1 | | 4\12 | LA027947 |

| | | |
|---|---|---|
| I. TYPE OF NOTIFICATION (CIRCLE ONE) | ORIGINAL REVISED CANCELED | |
| II. FACILITY INFORMATION | Contact: Noel Dominick | A1-38317 |
| OWNER NAME: Sewerage & Water Board of New Orleans | Telephone: (504) 585-2376 | |
| Mailing Address: 625 St. Joseph Street ai(2)5/3 | | |
| City: New Orleans | State: LA | Zip: 70165 |
| REMOVAL CONTRACTOR: Environmental Rem. Svcs., Inc | La Contractor's Liscense #: 33582 | DEQ ID #: 1S00128 |
| Address: P. O. Box 8485 | | |
| City: Metairie | State: LA | Zip: 70011 |
| Contact: Jay Zimmer | Telephone: 504-734-1997 | |
| OTHER OPERATOR: N/A | DEQ Project Designer #: N/A | |
| Address: N/A | | |
| City: N/A | State: N/A | Zip: N/A |
| Contact: N/A | Telephone: N/A | |
| III. TYPE OF OPERATION (CIRCLE ONE) | Demo Ordered Demo Renovation Emergency Reno | |
| IV. IS ASBESTOS PRESENT? (CIRCLE ONE) | YES NO | Inspection Date: |
| Inspector's Name: N/A | Inspector's Accreditation #: N/A | |
| V. FACILITY DESCRIPTION (Include building name, number, and floor or room number) | | |
| Building/Component Name : Sewerage & Water Bd. Main Office | Fire Marshall Project #: N/A | |
| Street Address: 625 St. Joseph Street | | |

| | | | |
|---|---|---|---|
| City: New Orleans | State: LA | Zip: 70165 | Parish: Orleans |
| Site Location: Basement - Boiler Room | | Telephone: 504-585-2376 | |
| Building Size: 50,000 sq. feet | # of Floors: 5 | Age in Years: 66 years | |
| Present Use: Offices | | Prior Use: Offices | |

VI. PROCEDURE INCLUDING ANALYTICAL METHOD IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:

| VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:<br>1 Regulated ACM to be removed<br>2. Category I ACM not removed<br>3. Category II ACM not removed | RACM to be Removed | Nonfriable Asbestos Material Not to be Removed | | Indicate Unit Measurement Below | |
|---|---|---|---|---|---|
| | | Cat I | Cat II | UNIT | |
| Pipes | 200 | | | Ln Ft: | Ln m: |
| Surface Area | 600 | | | Sq Ft: | Sq m: |
| Vol RACM off Facility Component | | | | Cu Ft: | Cu m: |
| VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) | | Start: 04/30/2001 | | Complete: 06/15/2001 | |
| IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) | | Start: 04/30/2001 | | Complete: 06/15/2001 | |

REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-2530

2001 APR 16 PM 2:26

H8613

## NOTIFICATION OF DEMOLITION AND RENOVATION FORM (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK AND METHOD(s) TO BE USED:
Removal of Asbestos Insulation from Steam lines and boiler flue at boiler.
Removal of fire brick

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
Negative pressure, Wet Methods, Double Bag, Full containment

XII. WASTE TRANSPORTER #1

| | | | |
|---|---|---|---|
| Name: Pro Tech Environmental Services, Inc. | | Contact Person: Roy Eschette | |
| Address: P. O. Box 40 | | | |
| City: Tickfaw | State: LA | Zip: 70466 | Telephone# 504-345-3557 |

WASTE TRANSPORTER #2

| | | | |
|---|---|---|---|
| Name: N/A | | Contact Person: N/A | |
| Address: N/A | | | |
| City: N/A | State: N/A | Zip: N/A | Telephone #: N/A |

XIII. WASTE DISPOSAL SITE:

| | | | |
|---|---|---|---|
| Name: Riverbirch Landfill | | | |
| Location: 2000 South Kenner Road | | | |
| City: Avondale | State: LA | Zip: 70094 | Telephone. 504-436-1288 |

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY:

| | | |
|---|---|---|
| Name: N/A | Title: N/A | Authority: N/A |
| Date of order (MM/DD/YY) N/A | Date ordered to begin (MM/DD/YY) N/A | |

XV. FOR EMERGENCY RENOVATIONS N/A

Date and hour of emergency (MM/DD/YY): N/A

Description of the Sudden, Unexpected Event: N/A

Explanation of how the event caused unsafe conditions or would cause equipment damage (or an unreasonable financial burden):

N/A

XVI DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

LADEQ and owner will be notified.

XVII I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (LAC 33:III Chapter 27, Appendix A / 40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.

Roy Zimmer 4/12/01
(Signature of Owner/Operator/Contractor) (Date)

XVIII I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Roy Zimmer 4/12/01
(Signature of Owner/Operator/Contractor) (Date)

**PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.**

BEST COPY

AI #68978

# STATE OF LOUISIANA
## UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM – PLEASE TYPE

**Please complete and return withing sixty (60) days after UST system closure or change-in-service.**

Return to: LDEQ - UST DIVISION Questions: (504) 765-0243
P. O. Box 82178
Baton Rouge, LA 70884-2178

DEQ Facility Number 36-012801
DEQ Owner ID Number 0026200

| I. OWNERSHIP OF TANKS | II. LOCATION OF TANKS |
|---|---|
| IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐ | IF SAME AS SECTION I, PLEASE CHECK ☐ |
| Sewerage and Water Board | Sewerage and Water Board |
| OWNER NAME (CORPORATION/INDIVIDUAL, ETC.) | FACILITY NAME OR COMPANY SITE IDENTIFIER |
| 2900 Peoples Ave. | 2929 Eads St |
| MAILING ADDRESS | STREET ADDRESS (P. O. BOX NOT ACCEPTABLE) |
| New Orleans LA 70122 | New Orleans LA 70122 |
| CITY STATE ZIP | CITY STATE ZIP |
| Orleans | Orleans |
| PARISH/COUNTY | PARISH |
| (504) 942-3851 | (504) 942-3807 |
| TELEPHONE (INCLUDE AREA CODE) | TELEPHONE (INCLUDE AREA CODE) |
| Rudy August | Lester Caruso |
| NAME OF CONTACT PERSON | CONTACT PERSON AT THIS LOCATION |

2003 MAY -2 PM 3:04

Enter as mailing address

Enter telephone #

Inactivate on Gen. Info

"Removed" on UST page

End date on Att. subj. Item I.D 12/20/03

Removed date on UST page 12/20/02

### III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

| DEQ ASSIGNED TANK NUMBERS | SIZE OF TANKS (GALLONS) | PRODUCT LAST STORED IN TANK | CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-in-Service[1] 4 = Removed & Replaced[2] | TANK PROPERLY LABELED? CIRCLE | | HIGHEST LEL OR OXYGEN READING[3] LEL[4] | Oxygen | DATE OF CLOSURE OR CHANGE-IN-SERVICE |
|---|---|---|---|---|---|---|---|---|
| 55553 | 550 | Wash Oil | 1 | Y | N | 0 | | 12/20/02 |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

| IV. TANK | V. TANK SLUDGES | VI. TANK WATERS/WASHWATERS |
|---|---|---|
| A. Date cleaned 12/20/02 | A. Date disposed/recycled / / | A. Date disposed/recycled 12/20/02 |
| B. Date disposed/recycled 12/27/02 | B. Volume removed N/A cu/yds | B. Volume removed 1400 gals |
| C. Name of disposal site/recycling site Southern Scrap Co | C. Name of disposal site | C. Name of disposal/recycling site International Petroleum |

| VII. CONTAMINATED SOIL | | VIII. CONTAMINATED GROUNDWATER | |
|---|---|---|---|
| A. Date removed / / | D. Date disposed / / | A. Date removed / / | D. Date disposed / / |
| B. Volume of soil removed cu/yds | | B. Volume of groundwater removed gals | |
| C. Name of disposal site | | C. Name of disposal site/recycler | |

### IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Howard Eugene Noland — Howard Eugene Noland — 2/11/03 1/31/03
PRINT OR TYPE OWNER'S NAME — OWNER'S SIGNATURE — DATE

George Jacobsen — [signature] — IRF0105 — 1/31/03
PRINT OR TYPE NAME OF CERTIFIED WORKER — SIGNATURE OF CERTIFIED UST WORKER — CERTIFICATE NO. — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

Jacobsen Specialty Services, Inc.

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

X UST system removed from database; no further action required.
☐ UST system removed from database; additional information required.

Reviewer's Signature: Bridgulf Diano Telephone No. (504) 736-7747 Date 4/16/03

Signature of Lab Officer: Phyllis Luke 5/1/03

Enter certified worker info on UST page

UST-ENF-02 **** INCOMPLETE FORMS MAY BE REJECTED ***** Revised 12/94

UST DIV. REGISTRATION FILES

# UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM

## INSTRUCTIONS

Within **SIXTY DAYS** after completing a UST closure or change-in-service, this form along with **two copies** of the following must be provided to the Underground Storage Tank Division:

1. site drawing;
2. analytical results with chain-of-custody documents; and
3. copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

All applicable information required on the form must be addressed. Forms that are incomplete may be rejected.

Please **PRINT** clearly (press hard, as you are making six copies). After completion, the owner is to retain the bottom (canary) copy and forward all remaining copies of the form to:

UNDERGROUND STORAGE TANK DIVISION
P. O. BOX 82178
BATON ROUGE, LA 70884-2178.

The UST Division will distribute the remaining copies of the form as follows:

1. Original (White) - UST Main Office File
2. Pink - UST Regional Office File
3. Goldenrod - Registration Files
4. Blue - UST Owner (After DEQ Processing)
5. White - UST Closure Reading File
6. Green - UST Main Office File (Before DEQ Processing)

## PROCEDURES TO BE FOLLOWED

The procedures which must be followed when performing a UST closure or change-in-service are provided in the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines." To obtain a copy of this document call the UST Division at (504) 765-0243 or write to the address noted above.

## NOTICE

Chapter 13 of the UST Regulations requires that owners of USTs ensure that the contractor chosen to perform the UST closure/change-in-service employs an individual who holds a current Louisiana DEQ certificate for closure. The certified person must be present at the site and exercising responsible supervisory control during the closure/change-in-service process. A list of contractors who employ DEQ certified workers can be obtained from the UST Division at (504) 765-0243.

# State of Louisiana
## Department of Environmental Quality

M. J. "MIKE" FOSTER, JR.
GOVERNOR

L. HALL BOHLINGER
SECRETARY

**Southeast Regional Office**
**Air Quality Compliance Inspection Report**

Inspection Date: September 26, 2003 Incident No.: NA

AI No.: 5001 Alt. ID/Permit No: CDS 2140-00128

Company Name: S & W B – Main Water Purification Plant

Physical Location: 8800 S. Claiborne Ave

New Orleans (City) LA (State) Parish: Orleans

Mailing Address: Same as above
(Address) (City) (State) (Zip)

Facility Representative/Title: Mark Holcomb / Assistant Superintendent

Facility Representative Telephone No.: 504-865-0550

LDEQ Lead Inspector: Daniel J. Odem

Other Inspectors: NA

Report By: Daniel J. Odem 9-26-03
Daniel J. Odem, Environmental Scientist (Date)

Reviewed By: Don J. Brandin 10/3/03
Don J. Brandin, Environmental Scientist Supervisor (Date)

## INTRODUCTION

On January 30, 2003, I conducted an air quality Compliance Evaluation Inspection at the Sewerage and Water Board of New Orleans – Main Water Purification Plant located in New Orleans, Louisiana. Mr. Ross Chapman, Pumping and Power Superintendent, assisted during the inspection.

## FACILITY DESCRIPTION

The Sewerage and Water Board of New Orleans Main Water Purification facility has two major functions. The first is to provide potable water to the city of New Orleans. This is done by taking water from the Mississippi River and passing it through a series of steps to remove impurities. No air emissions are directly created in this process. The second major function of the plant is to provide power to the system that moves water, both potable and storm water. Six boilers generate steam that in turn drives 2 pumps for supplying potable water to the city. Steam also drives 3 generators that provide electricity to operate pumps in the storm water drainage system. Additionally, a natural gas/diesel fired turbine engine driving a 20,500 KW generator is on standby in case a heavy rainfall creates a sudden electrical demand on the storm water drain system. This turbine is mostly fired with natural gas, however, once per month it is test fired with diesel for approximately 20 minutes. The natural gas provided for this turbine (from city services) does not have sufficient pressure for proper operation. Therefore, a compressor driven by a 1140 HP engine boosts the fuel pressure to the range required by the turbine.

A variety of other support activities take place at the facility. These include administration, material storage, maintenance, and other activities needed to maintain this vital system. Other sources of air emissions include a diesel storage tank and a back-up generator that is diesel fired.

## FACILITY HISTORY

This facility is an A-1 SIP source. The facility currently operates under air permit No. 2140-00128-00 issued on April 12, 1984. An application for a Title V permit was submitted in October 1996. The application is still under review by the Permits Section. There are no specific conditions listed in the permit.

## AREAS EVALUATED

A file/permit review was conducted. There are no specific conditions listed in the current air permit. The Air Permits Section gave no date as to when a new permit would be issued.

A facility tour was conducted in which each emission point was inspected. See Attachment 2 for the emission point review sheet.

## SUMMARY OF OBSERVATIONS

No areas of concern were noted as a result of this inspection.

# LIST OF ATTACHMENTS

**ATTACHMENT 1** **Field Interview Form**

**ATTACHMENT 2** **Emission Point Review**

# ATTACHMENT 1

## Field Interview Form
## (1 Page)

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 5001 INSPECTION DATE: 9-26-03 TIME OF ARRIVAL: 9:00 am
ALTERNATE ID#: _____ DEPARTURE DATE: 9-26-03 TIME OF DEPARTURE: 10:30 am
(ID Type/Number)
FACILITY NAME: Sewerage + Water Board - Main Plant PH #: 504 865-0550
LOCATION: 8800 S. Claiborne Ave, New Orleans, LA
PARISH NAME: Orleans
RECEIVING STREAM (BASIN/SUBSEGMENT): NA
MAILING ADDRESS: Same
(Street/P.O. Box) (City) (State) (ZIP)
FACILITY REPRESENTATIVE: Mark Holcomb TITLE: Assistant Superintendent
FACILITY REPRESENTATIVE PHONE NUMBER: (504) 865-0550
NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: CEI PROGRAM INVOLVED: (AIR) WASTE WATER OTHER _____

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

The facility's current air permit was issued in 1984. There are no specific conditions. Title V permit application was submitted in 1996, the new permit has not been issued. A facility tour was conducted in which all emission points were inspected.

No areas of concern were noted at time of inspection.

| REGULATION | EXPLANATION | REFERRED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☑ NO SAMPLES TAKEN: ☐ YES ☑ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Mark Holcomb

PRINT NAME: Mark Holcomb

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S NOTES)

INSPECTOR(S): Daniel Odem CROSS REFERENCE: _____

ATTACHMENTS: _____

REVIEWER: M Brandon

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# ATTACHMENT 2

## Emission Point Review
## (1 Page)

EMISSION POINT REVIEW
AT TIME OF INSPECTION

| I. D. Number | Type Point Source[1] | Abatement Equipment | Comments[2] |
|---|---|---|---|
| 1-76 | Boilers 4, 5, & 6 | None | Natural gas fired; 200 MM BTU/hr (combined heat input); Only one from this bank was operating at the time of the inspection. No emissions were visible. |
| 2-76 | Boilers 1, 2, & 3 | None | Natural gas fired; 200 MM BTU/hr (combined heat input); Only one from this bank was operating at the time of the inspection. No emissions were visible. |
| 3-76 | Gas Turbine | None | Natural gas fired; This unit was on stand by at the time of the inspection. |
| 4-76 | Diesel Generator | None | Diesel fired; 643 HP; This unit was on stand by at the time of the inspection. |
| 5-76 | Storage Tank, Diesel | None | Fixed roof; 1 MM gal; No emissions were detected at the time of the inspection. |
| 6-76 | Storage Tank, Diesel | None | Fixed roof; 1 MM gal; No emissions were detected at the time of the inspection. This tank is no longer used and will probably be removed from the site in the near future. |
| 1-84 | Compressor Engine | None | Natural gas fired; 1,140 HP Waukesha; This unit was on standby at the time of the inspection |

1 - Boiler, Incinerator, dirt road, etc.
2 - Include operating parameter of source and abatement equipment.
Attach VE sheet if Method 9 performed

# Compliance Evaluation Report



Activity: INS20000002 Compliance Evaluation Inspections (CEI)

Start Date: 9/26/2003

Lead Investigator: Odem, Daniel

**5001 Sewerage & Water Board of New Orleans -, New Orleans (49 Electric, Gas, An)**

**AI 5001**

**Comments:** No areas of concern were noted at time of inspection

| Requirement | Status | Results or Comments |
|---|---|---|
| Operate the source in accordance with all terms and conditions of this permit. [LAC 33:III.501.C.4] | C | |

C - Compliant

E - Not evaluated

P - Potential Violation

R - Corrected

N - Non-Compliant (subject to enforcement action)

V - Correction verified -- violation corrected

S - Self-Disclosed Violation

Z - Referred to Enforcement

# State of Louisiana

## Department of Environmental Quality

M. J. "MIKE" FOSTER, JR.
GOVERNOR

L. HALL BOHLINGER
SECRETARY

**Southeast Regional Office**
**UST Closure Inspection Report**

Inspection Date: 12/20/02 & 3/14/03 Incident No.: N/A

AI No.: 68979 Alt. ID/Permit No: 36-012802

Company Name: New Orleans Sewerage & Water Board

Physical Location: 2929 Eads Street

New Orleans (City) LA (State) Parish: Orleans

Mailing Address: 2900 Peoples Avenue (Address) New Orleans (City) LA (State) 70122 (Zip)

Facility Representative/Title: Rudy August/Environmental Manager

Facility Representative Telephone No.: 504-942-3851

LDEQ Lead Inspector: Bridget Lions

Other Inspectors:

Report By: Bridget C. Lions ES III 4/11/03
Bridget Lions, Environmental Scientist III (Date)

Reviewed By: David Oge 4/14/03
David Oge, Environmental Scientist Supervisor (Date)

## INTRODUCTION

On 12/20/02 a tank closure was performed at the New Orleans Sewerage & Water Board (NOSWB). I was not able to witness this tank closure and sampling. I was however able to witness further excavation of the tank hole and subsequent sampling conducted on 3/14/03. The NOSWB wanted to try and achieve results under the UST Soil Screening Standards for TPH-ORO, so that the site would not have to be referred to Remediation.. One of the original samples taken on 12/20/02 resulted in TPH-ORO being over the UST Soil Screening Standard of 140 mg/kg. The TPH-ORO result for the east tank sample was 288 mg/kg.

## FACILITY DESCRIPTION

This site is the NOSWB's maintenance yard located at 2929 Eads Street in New Orleans. One (1)-550 gallon used oil tank (tank #55553) was located at this facility.

## FACILITY HISTORY

There is no prior enforcement history for this location. Apparently the tank had just been discovered in 2002 according to a registration form submitted to the Department on 9/17/02. Date of installation was believed to be around 1980. Two (2) separate closure notification forms were submitted to the Department by the NOSWB. One form was submitted on 9/17/02, and was approved by the Department on 11/20/02, and the other form was submitted on 11/26/02, and was approved on 12/9/02.

## AREAS EVALUATED

As stated above, I was unable to witness the 12/20/02 tank closure and sampling. The NOSWB voluntarily decided to conduct further excavation and sampling in order to achieve results below the UST Soil Screening Standard for TPH-ORO. This event occurred on 3/14/03. Jacobsen Specialty Services performed both the tank closure and two sampling events. Mr. George Jacobsen is certified for tank closure work, IRC-0105

## SUMMARY OF OBSERVATIONS

- Tanks were pulled on 12/20/03. The east tank sample for TPH-ORO was 288 mg/kg. The UST Soil Screening Standard is 140 mg/kg.

- Further excavation and sampling was conducted on 3/14/03. TPH-ORO samples were all below 140 mg/kg.

# LIST OF ATTACHMENTS

**ATTACHMENT 1** **Field Interview Form**

**ATTACHMENT 2** **Checklist**

**ATTACHMENT 3** **UST Closure Assessment Form**

**ATTACHMENT 4** **UST Closure Assessment Report & Analyticals**

# ATTACHMENT 1

## Field Interview Form
## (1 Page)

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 68978 9 INSPECTION DATE: 3/14/03 TIME OF ARRIVAL: 10:30 Am
ALTERNATE ID#: 36-012801 (ID Type/Number) DEPARTURE DATE: 3/14/03 TIME OF DEPARTURE: 11:15 Am
FACILITY NAME: New Orleans Sewerage + Water Board PH #:
LOCATION: Garage I - 2929 Eads St., N.O., LA 70122
PARISH NAME: Orleans
RECEIVING STREAM (BASIN/SUBSEGMENT):
MAILING ADDRESS: 2900 Peoples Ave., N.O., LA 70122 (Street/P.O. Box) (City) (State) (ZIP)
FACILITY REPRESENTATIVE: Rudy August TITLE: NOSWB Environmental
FACILITY REPRESENTATIVE PHONE NUMBER:
NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):

INSPECTION TYPE: Other PROGRAM INVOLVED: AIR WASTE WATER (OTHER) UST

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

Inspection was conducted in order to observe further excavation and sampling at site. A tank closure was performed on 12-20-02 - 1-550 used oil tank was removed. Three (3) backfill samples and two (2) tank samples were taken. One of the tank samples showed 288 mg/kg TPH-DRO. UST Screening Standard for TPH-DRO is 140 mg/kg. Today tank hole was redug and further excavated on east end of tank. Samples were collected and will be analyzed by PACE Labs.

| REGULATION | EXPLANATION | REFERRED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Rudy August
PRINT NAME: RUDY AUGUST, JR.
(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S NOTES)

INSPECTOR(S): Bridget C Lions ES II CROSS REFERENCE:
Bridget C. Lions ES II ATTACHMENTS:
REVIEWER: David Rye

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# ATTACHMENT 2

## Checklist
## (4 Pages)

# UNDERGROUND STORAGE TANK
# CLOSURE INSPECTION CHECKLIST

**AI #:** 68979 **FID #:** 36-012802

**AI # NAME:** New Orleans Sewerage & Water Board **CLOSURE DATE:** 12/20/02

1. Please indicate the tank number, size of tank, and product last stored in the following table. (This information can be obtained from the UST Closure Notification Form). If additional tank(s), which are not listed below, are discovered during closure, please have contractor/certified work update closure notification form.

| DEQ ASSIGNED TANK NUMBERS | SIZE OF TANK (GALLONS) | PRODUCT LAST STORED | DEQ ASSIGNED TANK NUMBERS | SIZE OF TANK (GALLONS) | PRODUCT LAST STORED |
|---|---|---|---|---|---|
| 55553 | 550 | waste oil | | | |
| | | | | | |
| | | | | | |

2. Did the facility use a Certified UST Worker to oversee the closure? YES ☒ NO ☐ N/A ☐

If yes, please include his/her name below and their certificate number

George Jacobsen, IRC-0105

If no, please explain further in report narrative.

3. Was the certified worker present at the Closure Critical Junctures?
   a. cleaning/vapor removal — YES ☒ NO ☐ N/A ☐
   b. all subsurface sample collection events — YES ☒ NO ☐ N/A ☐

If no, please explain further in report narrative

4. What type of closure was being performed?
   a. Removal — YES ☒ NO ☐ N/A ☐
   b. Closed in place — YES ☐ NO ☐ N/A ☐
   YES ☐ NO ☐ N/A ☐

If closed in place, what type?
   a. Sand — YES ☐ NO ☐ N/A ☒
   b. Cement Slurry — YES ☐ NO ☐ N/A ☒
   c. Other Inert Solid. (Use report narrative to describe.) — YES ☐ NO ☐ N/A ☒

5. Were all the tanks empty prior to commencement of closure? YES ☒ NO ☐ N/A ☐

AI #: 68979
AI Name: New Orleans Sewerage & Water Board

If no, how many gallons were left in each? Please explain below

6. Did the contractor remove the vapors from the tanks? YES ☐ NO ☐ N/A ☒
If yes, what method
   a. Dry Ice YES ☐ NO ☐ N/A ☒
   b. Venturi tube YES ☐ NO ☐ N/A ☒
   c. Inert Gas YES ☐ NO ☐ N/A ☒
   d. Other:

If Dry Ice or Inert Gas, what was the percent oxygen in each tank?

| Tank No. | % Oxygen | Tank No. | % Oxygen |
|---|---|---|---|
| 55553 | 0 | | |
| | | | |
| | | | |

If Venturi tube or other rinsing method, what was the percent LEL for each tank?

| Tank No. | % LEL | Tank No. | % LEL |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

7. Were the tanks plugged? YES ☐ NO ☐ N/A ☒
If no, please explain.

AI #: 68979
AI Name: New Orleans Sewerage & Water Board

8. Was groundwater encountered? YES ☐ NO ☒ N/A ☐
If yes, at what depth below grade?

9. Was Phase Separated Hydrocarbons encountered during the tank removal? YES ☐ NO ☒ N/A ☐

If yes, please have the responsible party notify LDEQ of the Release according to the regulations. Please explain the situation further in the comments section.

What is the name of the final disposal facility for

a. any waste waters produced International Petroleum
b. sludges
c. tanks Southern Scrap
d. soil
e. groundwater

10. Were soil samples taken? YES ☒ NO ☐ N/A ☐
If yes, at what depth?

Backfill Sample #1-60", #2 & #3-96"

Tank Samples #4 & #5- 120"

If no, please explain in report narrative.

11. Did the Certified Worker observe LDEQ sample collection procedures for? YES ☐ NO ☐ N/A ☐

a. Sample Labeling
i) sample identification YES ☒ NO ☐ N/A ☐
ii) collection date and time YES ☒ NO ☐ N/A ☐
iii) analysis required YES ☒ NO ☐ N/A ☐
iv) sampler's initials YES ☒ NO ☐ N/A ☐

If no, please explain in report narrative.

b. Chain of Custody
i) sample identification YES ☒ NO ☐ N/A ☐
ii) name and address of site YES ☒ NO ☐ N/A ☐
iii) date and time of sample collection YES ☒ NO ☐ N/A ☐
iv) location and depth of sample YES ☒ NO ☐ N/A ☐
v) number of samples YES ☒ NO ☐ N/A ☐
vi) analysis to be performed YES ☒ NO ☐ N/A ☐
vii) comments or remarks YES ☒ NO ☐ N/A ☐
viii) appropriate signatures for relinquishing and receiving samples YES ☒ NO ☐ N/A ☐

AI No:
AI Name:

If no, please explain further in report narrative.

c. Sample Locations for
   a. USTs — YES ☒ NO ☐ N/A ☐
   b. Dispenser Islands — YES ☐ NO ☐ N/A ☒
   c. Backfill — YES ☒ NO ☐ N/A ☐

If no, please explain further in report narrative.

12. Were tanks labeled for transport? — YES ☐ NO ☐ N/A ☒

Once the closure review package is received, please complete the Closure Package Review Checklist.

COMMENTS: (Please include any other pertinent information to document compliance. Any issues of non-compliance need to be addressed in a report narrative.)

# ATTACHMENT 3

## UST Closure Assessment Form
## (1 Page)

SOUTHEAST
REGIONAL OFFICE

# STATE OF LOUISIANA
# UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM – PLEASE TYPE

**Please complete and return withing sixty (60) days after UST system closure or change-in-service.**

Return to: - LDEQ - UST DIVISION Questions: (504) 765-0243
P. O. Box 82178
Baton Rouge, LA 70884-2178

DEQ Facility Number: 36-012801
DEQ Owner ID Number: 0026200

## I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

OWNER NAME (CORPORATION/INDIVIDUAL, ETC.): Sewerage and Water Board

MAILING ADDRESS: 2900 Peoples Ave.

CITY / STATE / ZIP: New Orleans LA 70122

PARISH/COUNTY: Orleans

TELEPHONE (INCLUDE AREA CODE): (504) 942-3851

NAME OF CONTACT PERSON: Rudy August

## II. LOCATION OF TANKS

IF SAME AS SECTION I. PLEASE CHECK ☐

FACILITY NAME OR COMPANY SITE IDENTIFIER: Sewerage and Water Board

STREET ADDRESS (P. O. BOX NOT ACCEPTABLE): 2929 Eads St.

CITY / STATE / ZIP: New Orleans LA 70122

PARISH: Orleans

TELEPHONE (INCLUDE AREA CODE): (504) 942-3807

CONTACT PERSON AT THIS LOCATION: Lester Caruso

## III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

| DEQ ASSIGNED TANK NUMBERS | SIZE OF TANKS (GALLONS) | PRODUCT LAST STORED IN TANK | CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-in-Service[1] 4 = Removed & Replaced[2] | TANK PROPERLY LABELED? CIRCLE | | HIGHEST LEL OR OXYGEN READING[3] LEL[4] | Oxygen | DATE OF CLOSURE OR CHANGE-IN-SERVICE |
|---|---|---|---|---|---|---|---|---|
| 55553 | 550 | Waste Oil | 1 | (Y) | N | 0 | | 12/20/02 |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |
| | | | | Y | N | | | / / |

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

| IV. TANK | V. TANK SLUDGES | VI. TANK WATERS/WASHWATERS |
|---|---|---|
| A. Date cleaned 12/20/02 | A. Date disposed/recycled / / | A. Date disposed/recycled 12/20/02 |
| B. Date disposed/recycled 12/27/02 | B. Volume removed N/A cu/yds | B. Volume removed 1400 gals |
| C. Name of disposal site/recycling site: Southern Scrap Co | C. Name of disposal site | C. Name of disposal/recycling site: International Petroleum |

| VII. CONTAMINATED SOIL | | VIII. CONTAMINATED GROUNDWATER | |
|---|---|---|---|
| A. Date removed / / | D. Date disposed / / | A. Date removed / / | D. Date disposed / / |
| B. Volume of soil removed cu/yds | | B. Volume of groundwater removed gals | |
| C. Name of disposal site | | C. Name of disposal site/recycler | |

## IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Howard Eugene Noland — PRINT OR TYPE OWNER'S NAME
Howard Eugene Noland — OWNER'S SIGNATURE
2/11/03 — DATE

George Jacobsen — PRINT OR TYPE NAME OF CERTIFIED WORKER
SIGNATURE OF CERTIFIED UST WORKER
FRE0105 — CERTIFICATE NO.
12/31/03 — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

## LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☒ UST system removed from database; no further action required.
☐ UST system removed from database; additional information required.

Reviewer's Signature: Budget DC Dixon — Telephone No. (504) 736-7747 — Date 5/1/03

Signature of LDEQ Representative: Phyllis Luke — Date 5/1/03 — Supervisor's Initials

UST-ENF-02 — **** INCOMPLETE FORMS MAY BE REJECTED ***** — Revised 12/94

UST DIV. MAIN OFFICE FILE

# UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM

## INSTRUCTIONS

Within **SIXTY DAYS** after completing a UST closure or change-in-service, this form along with **two copies** of the following must be provided to the Underground Storage Tank Division:

1. site drawing;
2. analytical results with chain-of-custody documents; and
3. copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

All applicable information required on the form must be addressed. Forms that are incomplete may be rejected.

Please **PRINT** clearly (press hard, as you are making six copies). After completion, the owner is to retain the bottom (canary) copy and forward all remaining copies of the form to:

UNDERGROUND STORAGE TANK DIVISION
P. O. BOX 82178
BATON ROUGE, LA 70884-2178

The UST Division will distribute the remaining copies of the form as follows:

1. Original (White) - UST Main Office File
2. Pink - UST Regional Office File
3. Goldenrod - Registration Files.
4. Blue - UST Owner (After DEQ Processing)
5. White - UST Closure Reading File
6. Green - UST Main Office File (Before DEQ Processing)

## PROCEDURES TO BE FOLLOWED

The procedures which must be followed when performing a UST closure or change-in-service are provided in the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines." To obtain a copy of this document call the UST Division at (504) 765-0243 or write to the address noted above.

## NOTICE

Chapter 13 of the UST Regulations requires that owners of USTs ensure that the contractor chosen to perform the UST closure/change-in-service employs an individual who holds a current Louisiana DEQ certificate for closure. The certified person must be present at the site and exercising responsible supervisory control during the closure/change-in-service process. A list of contractors who employ DEQ certified workers can be obtained from the UST Division at (504) 765-0243.

# ATTACHMENT 4

## UST Closure Assessment Report & Analyticals (41 Pages)

JACOBSEN SPECIALTY SERVICES
#83 Louisiana Street, Westwego, La. 70094
P. O. Box 947, Westwego, La. 70096-0947
504-341-7217 FAX 504-340-6699
Email jacobsenspecialty@direcway.com

Bridgett

RECEIVED
APR 07 2003
SOUTHEAST
REGIONAL OFFICE

further excavation & resamplins

April 3, 2003

Louisiana DEQ SE Region
201 Evans Road
Bldg. 4 Ste. 420
New Orleans, La. 70123-5230
**Attn.: Bridgett**

**RE: New Orleans Sewage & Water Board**

As per your request, additional sample results are attached.

Your attention to this matter will be greatly appreciated.

Yours truly,
JACOBSEN SPECIALTY SERVICES, INC.

George J Jacobsen, Jr.
President

GJJ/ej

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd., Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555

March 27, 2003

Mr. George Jacobsen
Jacobsen Specialty Services
P. O. Box 947
83 Louisiana Street
Westwego, LA 70094

RE: Lab Project Number: 2017476
Client Project ID: N.O. SEWAGE & WATER

Dear Mr. Jacobsen:

Enclosed are the analytical results for sample(s) received by the laboratory on March 14, 2003. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Karen H Brown

Karen Brown
karen.brown@pacelabs.com
Project Manager

Enclosures

# Sample Cross Reference Report

Pace Analytical™
New Orleans Laboratory

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** JACOBSEN SPECIALTY SERVICES

**Project:** N.O. SEWAGE & WATER

**Project No.:** 2017476

| Sample ID | Lab ID | Matrix | Collection Date/Time | | Received Date/Time | |
|---|---|---|---|---|---|---|
| NO SEWAGE #1 | 20142851 | Soil | 03/14/2003 | 11:00 | 03/14/2003 | 12:05 |
| NO SEWAGE #2 | 20142852 | Soil | 03/14/2003 | 11:05 | 03/14/2003 | 12:05 |



Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87385
Kansas Dept. of Health & Environment/ELW/RW - E-10286
New Jersey DEPE/Wastewater - 59002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

Pace Analytical™
New Orleans Laboratory

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Client: JACOBSEN SPECIALTY SERVICES

Client ID: NO SEWAGE #1 | Site: None

Project: N.O. SEWAGE & WATER | Project No.: 2017476 | Sample Qu:

Lab ID: 20142851 | Matrix: Soil | % Moisture: Not Corrected

Description: None | Prep Level: Soil | Batch: 24613

Method: Louisiana TPH Diesel & Oil Range Organics (C10-C20 &C20-C28) - TPHLAWAT | Units: mg/L | Target List: TPHLAWAT

Collected: 03/14/03 | Received: 03/14/03

Prep Factor: 1 | Leached: 03/15/03 | Prepared: 03/18/03 | Analyzed: 03/26/03 05:07 NCM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Oil Range Organics | 1 | ND | | 0.150 | |

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

3/27/2003 07:11:09

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000086
Florida Dept. of Health/Hazardous Waste - E87385
Kansas Dept. of Health & Environment/ELW/HW - E-10286
New Jersey DEPE/Wastewater - 88002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

Pace Analytical™
New Orleans Laboratory

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** NO SEWAGE #2 | **Site:** None

**Project:** N.O. SEWAGE & WATER | **Project No.:** 2017476 | **Sample Qu:**

**Lab ID:** 20142852 | **Matrix:** Soil | **% Moisture:** Not Corrected

**Description:** None | **Prep Level:** Soil | **Batch:** 24613

**Method:** Louisiana TPH Diesel & Oil Range Organics (C10-C20 &C20-C28) - TPHLAWAT | **Units:** mg/L | **Target List:** TPHLAWAT

**Collected:** 03/14/03 | **Received:** 03/14/03

**Prep Factor:** 1 | **Leached:** 03/15/03 | **Prepared:** 03/18/03 | **Analyzed:** 03/26/03 05:40 NCM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Oil Range Organics | 1 | 0.160 | 1410 | 0.150 | |

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
On line qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

3/27/2003 07:11:09

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87385
Kansas Dept. of Health & Environment/ELW/HW - E-10285
New Jersey DEPE/Wastewater - 50002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical
New Orleans Laboratory

# Report of Quality Control

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Method: Water GC Organics

Project No.: 2017476

Batch: 24613

Units: mg/L

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH - Diesel Range Organics | 0.20 | 119 | | | 0.20 | | | | | 53 - 134 | 53 - 129 | 25 | |

1 compound(s) reported

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

3/27/2003 07:11:11

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87385
Kansas Dept. of Health & Environment/ELWWW - E-10266
New Jersey DEPE/Wastewater - 59002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Batch Surrogate Recovery

Pace Analytical™
New Orleans Laboratory

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Report: 2017476

Method: Water GC Organics

Batch: 24613

| Lab ID | Type and Qualifiers | Sur 1 %Rec | Sur 2 %Rec | Sur 3 %Rec | Sur 4 %Rec | Sur 5 %Rec | Sur 6 %Rec | Sur 7 %Rec | Sur 8 %Rec |
|---|---|---|---|---|---|---|---|---|---|
| 20142851 | Sample | 114 | | | | | | | |
| 20142852 | Sample | 112 | | | | | | | |
| 24613B1 | Blank | 111 | | | | | | | |
| 24613S1 | LCS | 118 | | | | | | | |
| QC limits: | | 14-169 | | | | | | | |

Sur 1: n-Pentacosane (S)

* denotes surrogate recovery outside of QC limits.
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

3/27/2003 07:11:14

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87385
Kansas Dept. of Health & Environment/ELW/HW - E-10286
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

Pace Analytical™
New Orleans Laboratory

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 24613B1

**Description:** Water Method Blank

**Project No.:** 2017476

**Method:** Water GC Organics

**Batch:** 24613

**Units:** mg/L

**Prep Factor:** 1

**Leached:**

**Prepared:** 18-Mar-03

**Analyzed:** 26-Mar-03 04:01 NCM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| | TPH - Diesel Range Organics | 1 | ND | | 0.150 |
| | TPH - Oil Range Organics | 1 | ND | | 0.150 |

2 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

3/27/2003 07:11:16

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000086
Florida Dept. of Health/Hazardous Waste - E87385
Kansas Dept. of Health & Environment/ELW/HW - E-10286
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical

# CHAIN-OF-CUSTODY / Analytical Request Document

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

547584

Page: 1 of 1

**Required Client Information: Section A**

Company: Jacobsen Spec Serv
Address: P.O Box 947
Westwego LA 70096
Phone: 341-7217
Fax: 340 6699

**Required Client Information: Section B**

Report To: George Jacobsen
Invoice To: Jacobsen Spec Serv.
P.O.:
Project Name: N.O. Sewage + Water Bd
Project Number: —

Client Information (Check quote/contract):
Requested Due Date: Normal 10 WD
*TAT:

* Turn around times less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

**To Be Completed by Pace Analytical and Client: Section C**

Quote Reference:
Project Manager:
Project #:
Profile #:
Requested Analysis:

**Section D** Required Client Information:

SAMPLE ID
One character per box.
(A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes 4

| MATRIX | CODE |
|---|---|
| WATER | WT |
| SOIL | SL |
| OIL | OL |
| WIPE | WP |
| AIR | AR |
| TISSUE | TS |
| OTHER | OT |

| ITEM # | SAMPLE ID | MATRIX CODE | DATE COLLECTED mm / dd / yy | TIME COLLECTED hh: mm a/p | # Containers | Preservatives: Unpreserved | $H_2SO_4$ | $HNO_3$ | HCl | NaOH | $Na_2S_2O_3$ | SPLP | TPH-DRO | Remarks / Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | N.O. Sewage #1 | SL | 3-14-03 | 11:00 | 1 | ✓ | | | | | | ✓ | | |
| 2 | N.O. Sewage #2 | SL | 3-14-03 | 11:05 | 1 | ✓ | | | | | | ✓ | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |

| Sample Condition | | Sample Notes | Item No. | Relinquished By / Company | Date | Time | Accepted By / Company | Date | Time |
|---|---|---|---|---|---|---|---|---|---|
| Temp in °C: | On ice - From field | | | Jacobsen Spec Serv. | 3-14-03 | 11:15 | Chi Mathra | | |
| Received on ICE: | (Y) / N | | | George Jacobsen | 3/14/03 | 12:05 | Karen Hoan / Pace | 3/14/03 | 12:05 |
| Sealed Cooler: | Y / (N) | | | Chi Mathra | | | | | |
| Samples Intact: | (Y) / N | | | | | | | | |

Additional Comments:

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: George Jacobsen
SIGNATURE of SAMPLER:
DATE Signed: (MM / DD / YY) 3-14-03

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

# Southern Scrap Material Co., L.L.C.

***Metal Recyclers Since 1900!***

| | | |
|---|---|---|
| New Orleans East | 4801 Florida Avenue | 504/942-0340 |
| Mid-City | 2525 Lafitte Street | 504/822-5561 |
| Westwego | Highway 18 River Road | 504/436-4061 |
| Gulfport | 10032 Southpark Dr. | 228/896-9094 |

TACPOS
JACOBSEN SPEC. SERVICE
83 LOUISIANA STREET

WESTWEGO LA 70094

Toll Free 1-800-GO-SCRAP (467-2727)

DATE: 12/27/02

RECEIPT NUMBER: 254077
CASH PAYMENT
WEIGH TICKET: 372784

| NUMBER | DESCRIPTION | WEIGHT | PRICE | AMOUNT |
|---|---|---|---|---|
| 210 | #1 Shear | 4.240 | 27.0000/GT | 51.11 |
| | TOTAL: | 4.240 | | 51.11 |

Notwithstanding any warranty or limitation of warranty herein, Seller certifies that all refrigerant, including but not limited to chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs), as defined in Section 608 of the Clean Air Act and 40 CFR Part 82.

**(Check One):**

( ) that has not leaked previously has been recovered in accordance with applicable laws and regulations from the appliance or shipment of appliances delivered under this sale. The refrigerant has been recovered by _____ located at _____, on _____, 20____.

( ) has leaked previously from the appliance or shipment or appliances delivered under this sale prior to delivery to **Southern Scrap Material co., L.L.C.**

By signing below, Seller hereby agrees to indemnify, hold harmless and defend **Southern Scrap Material Co., L.L.C.** from any and all present and/or future losses, expenses, demands and claims or causes of action, which Seller has or may have, resulting from or occasioned by Seller's negligence or the negligence of Seller's employee(s), or arising in any way from Seller's presence at or around Southern Scrap Material Co., L.L.C.'s premises. Additionally, Seller agrees to waive on behalf of Seller, and its insurer(s), all rights of and to indemnification and/or subrogation which it/they has/have or might have against **Southern Scrap Material Co., L.L.C.** and its affiliates.

Seller further certifies that the items delivered pursuant to this sale do not contain the following prohibited items:

- Lead acid battery
- Nickel cadmium battery
- Microwave oven
- Fluorescent light
- Hazardous waste
- Radioactive materials
- Fuel Tank
- Fluids
- Capacitor exceeding one inch in length, width, or height

Seller's signature hereon and/or endorsement on the check issuedin payment hereof acts as Seller's certification that Seller is the lawful and sole owner of the property described herein, and that Seller is selling the property herein with full warranty and unencumbered title. Seller further agrees to indemnify and hold **Southern Scrap Material Co., L.L.C.**, harmless from any other claims, penalties, fines, fees, costs, attorney's fees or other liability resulting in whole or in part from Seller's breach of this certification.

Seller:

Authorized Signature of Individual
or Duly Authorized Representative

12-27-02
Date Signed

1

# UNDERGROUND STORAGE TANK DIVISION
## SITE DRAWING FORM

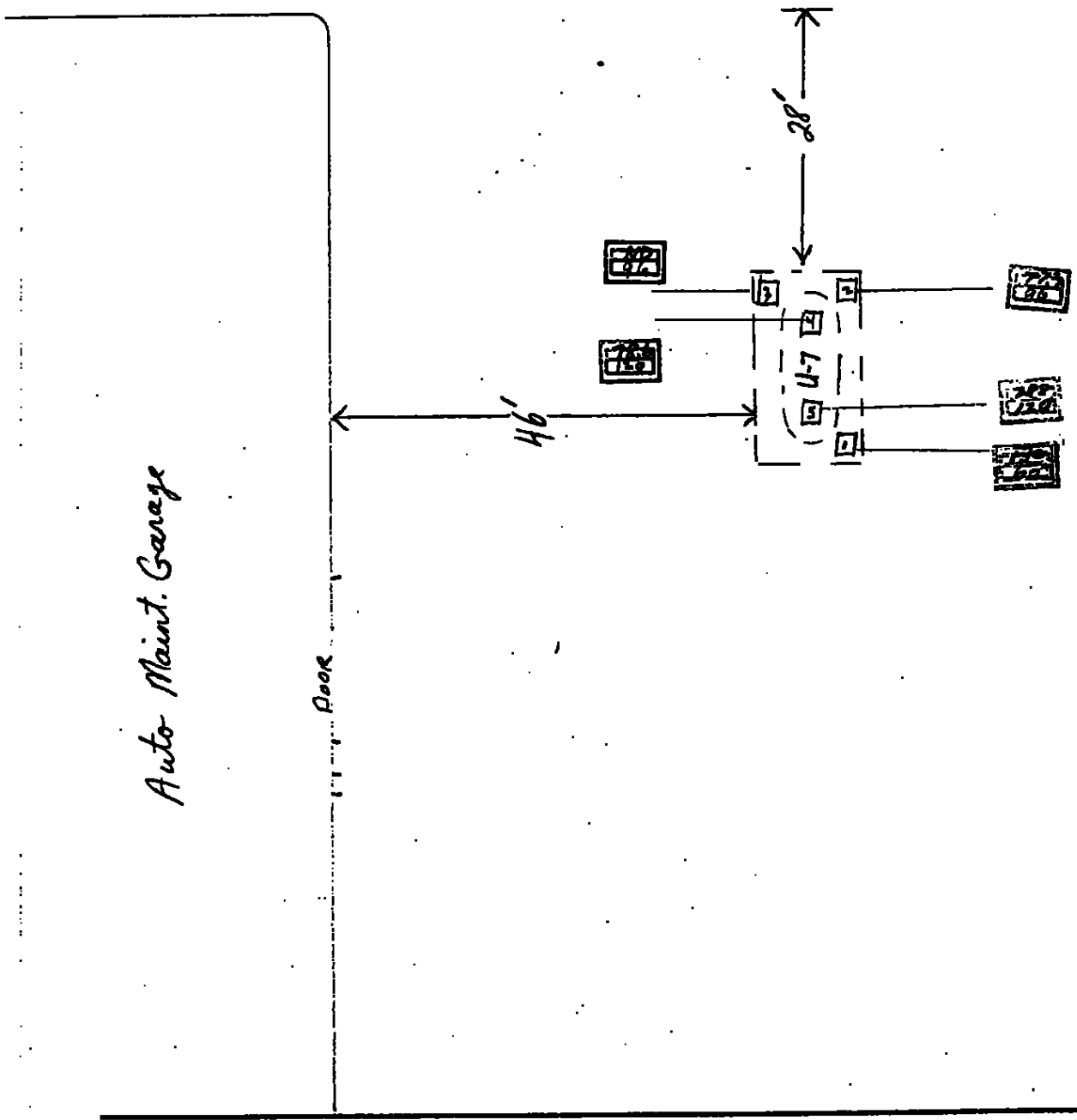
Name of Site: New Orleans Sewage + Water Board
Parish: Orleans
Facility Identification No. 36 - 012801

Total Number of Samples Collected - 5

Approximate Scale (in feet)

0 10 20 30

North




| | |
|---|---|
| 2,435 / 22" | Results of TPH-D (ppm) / Depth of Sample |
| 1,117 / 24" / 1,487 | Results of TPH-G (ppm) / Depth of Sample / Results of Total BTEX (ppm) |
| 2,435 / 22" | Results of TPH-D (ppm) / Depth of Sample |
| (1) | Indicates Assigned Sample No. and Sample Location Groundwater Encountered During Sampling |
| Removed UST | |
| Closed-In-Place UST | |
| G - 27 ft. | Tank Contained Diesel and is 27 ft. in length |
| D - 27 ft. | Tank Contained Gasoline and is 27 ft. in length |
| U - 5 ft. | Tank Contained Used Oil and is 5 ft. in length |
| Excavated Soils to be Returned to Hole | |
| 9 | Indicates Assigned Sample No. and Sample Location Groundwater NOT Encountered |
| Dispenser Island | |
| Dispenser | |
| Tank Hold Area | |
| ND - None Detectable | |

2

# INTERNATIONAL PETROLEUM CORPORATION & INTERNATIONAL ENVIRONMENTAL SERVICES

**Earth**Care Companies

FLUIDS/SOLIDS RECYCLING SPECIALISTS FOR OVER 50 YEARS

NATIONAL OIL RECYCLERS ASSOCIATION MEMBER NORA

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(504) 254-9021 ¥ (800) 523-9071

☐ 505 S. Market Street
Wilmington, DE 19801
FED. EPA I.D.# DED984073692
(302) 421-9306 ¥ (800) 222-2511

☐ 105 S. Alexander Street
Plant City, FL 33566
FED. EPA I.D.#FLD065680613
(813) 754-1504 ¥ (800) 282-9585

☐ 6305 E. Lombard Street
Baltimore, MD 21224
FED. EPA I.D.# MDD985389816
(410) 633-0606

☐ 238 Jerome Road
Lafayette, LA 70507
FED. EPA I.D.# LAD981589732
(504) 254-9021 ¥ (800) 523-9071

☐ 104 Lassus
Patterson, LA 70392
FED. EPA I.D.# LAR000026419
(504) 399-1161 ¥ (888) 399-1161

☐ 2008 E. 21st Street
Jacksonville, FL 32206
FED. EPA I.D.# FLA000031393
(904) 356-5999 ¥ (800) 366-5706

(ASM) 4/697-1

GENERATOR / SHIPPER NUMBER: J-9198 NAME: Jacobsen Specialty Serv. EPA ID#

LOCATION (OF MATERIAL PICKED UP): 2900 Peoples Ave — CITY: New Orleans — STATE: LA — ZIP:

BILLED TO: Jacobsen Specialty Serv. Inc — CITY: Westwego — STATE: LA — ZIP: 70094

BUSINESS MAILING ADDRESS: P.O. Box 947 Westwego LA 70094

DATE SHIPPED: 12/20/02 TIME: 1:35 G: ( ) 341-7217 B/T: ( )

**EMERGENCY CONTACT PHONE NUMBERS: (800) 523-9071 OR (504) 254-9021**

### DESCRIPTION / CLASSIFICATION

COMBUSTIBLE LIQUID, (USED OIL [CONTAINS PETROLEUM OIL]) N.O.S., NA 1993, PG III

OTHER

| CONTAINERS No | TYPE | QUANTITY | UNIT GAL / LB | DRUM / BBL |
|---|---|---|---|---|
| 1 | TT | 1,400 | GAL | |

| E P A WASTE CODE: | PRODUCT / WASTE SOURCE REDUCTION CODE: | ADDITIONAL MATERIAL DESCRIPTION: | SPECIAL HANDLING INSTRUCTIONS: |
|---|---|---|---|
| NON-HAZARDOUS<br>OTHER | M061<br>OTHER | USED OIL IS SUBJECT TO REGULATION BY ONE OR MORE OF THE FOLLOWING REGULATORY AUTHORITIES<br>U.S.E.P.A.: 40 CFR PART 279<br>ALABAMA D.E.M.: ADM CODE, DIV. 14, CHAP. 335-14-17<br>FLORIDA: D.E.P.: F.S CHAP. 403, F A C. CHAP. 62-710<br>GEORGIA: 40 CFR, PART 279<br>LOUISIANA D.E.Q.: LAC TITLE 33, PART V, CHAP. 40<br>MISSISSIPPI D.E.Q.: M H W.M R , CHAP. 279<br>TEXAS: T N R C C., CHAP. 324 | AVOID SKIN & TISSUE CONTACT WEAR GLOVES & EYE PROTECTION. IF UNDELIVERABLE OR UNACCEPTABLE TO RECYCLE REUSE FACILITY, RETURN TO GENERATOR. IN CASE OF EMERGENCY CONTACT LDPS HAZARD MATERIALS UNIT AT 504-925-6595 AND INTERNATIONAL PETROLEUM AT 800-523-9071 OR 504-254-9021. |

### GENERATOR / SHIPPER CERTIFICATION

We, as "Generator" of this used oil / product, hereby certify that we have not mixed any hazardous waste into this used oil / product being picked up by International Petroleum Corp., its subsidiaries or assigned subcontractors. This used oil / product is being transported directly and solely to an International Petroleum Corp. owned facility to be recycled in accordance with all federal, state and local regulations. We, as "Generator", also certify that this used oil / product does not contain any detectable levels of PCB's.

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, secured, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable federal and state government regulations. I also understand, acknowledge and certify that any materials being offered to International Petroleum are compatible with their environmental permits and are generation source referenced from the list of acceptable materials on the reverse side of this document.

Unless I am a small quantity generator who has been specifically exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of any waste generated to the degree I have determined to be economically practical and I have selected the method of treatment, storage, recycling or disposal currently available to me which minimizes the present and future threat to human health and the environment.

PRINTED NAME: Gary E Jacobsen SIGNATURE: [signature] DATE: 12/20/02

### TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED NAME: Roberto Villarreal SIGNATURE: Roberto Villarreal DATE: 12/20/02

### RECYCLE/REUSE RECEIVING FACILITY ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED NAME: G Jerry Khemal SIGNATURE: Jerry Khemal DATE: 12/20/02

| CODES (SEE REVERSE) | PRODUCT DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | SUB-TOTAL |
|---|---|---|---|---|---|
| | Water / oil (PCW) | 1400 | gals | .20 | 280.00 |
| | Wash out | 1 | ea | 75.00 | 75.00 |
| | | | | | |
| | | | | | |
| | | | | | |

**DO NOT** PAY FROM THIS DOCUMENT; INVOICE WILL FOLLOW BY MAIL — TOTAL 355.00

PRODUCT SPECIFICATIONS

PRODUCT QUANTITY
GROSS
ADJUSTMENT
NET

☐ IPC TO PAY CUSTOMER
☐ CUSTOMER TO PAY IPC BY CASH / CK #
☐ CUSTOMER TO PAY IPC BY VISA / MASTERCARD*
*REQUIRES CONTACT WITH APPROPRIATE IPC OFFICE
☒ CUSTOMER TO BE INVOICED BY IPC
PO# 12492
#
SIGNATURE BELOW ACKNOWLEDGES ACTUAL / POSSIBLE CHARGES BASED ON LABORATORY ANALYSIS.
BY:
TITLE:

MANIFEST DOCUMENT NO.: 204391 — OF

APPLICABLE SAMPLE CHAIN OF CUSTODY NO.:

This Used Oil / Product / Waste Tested:
☐ <1,000 PPM (TX) Via: ☐ Halogen Sniffer ☐ Chlor-D-Tect
☐ >1,000 (TX), but <1,000 PPM (TOX) Via: ☐ EPA Method SW 846 9076 ☐ EPA Method SW 846 8010/8021
☐ No Detectable Levels of PCB's (< 2PPM) Via EPA Method SW 846 8082, When Applicable
☐ Additional Analysis / Qualification attached, on file or not required.
BY:

WHITE-ORIGINAL GREEN-RECEIVING FACILITY, CANARY-GENERATOR, PINK-TRANSPORTER, GOLDENROD-OFFICE

I.P.C. REV 8/15/94 D.O.T. & LA D.E.Q. APPROVED 8/15/94

W-108

Pace Analytical™
www.pacelabs.com

**Pace Analytical Services, Inc.**
1000 Riverbend Blvd., Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555

January 10, 2003

Mr. George Jacobsen
Jacobsen Specialty Services
P. O. Box 947
83 Louisiana Street
Westwego, LA 70094

RE: Lab Project Number: 2016222
Client Project ID: N.O. SEWERAGE & WB

Dear Mr. Jacobsen:

Enclosed are the analytical results for sample(s) received by the laboratory on December 20, 2002. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Karen H Brown

Karen Brown
karen.brown@pacelabs.com
Project Manager

Enclosures

# Sample Cross Reference Report

Pace Analytical™
New Orleans Laboratory

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** JACOBSEN SPECIALTY SERVICES

**Project:** N.O. SEWERAGE & WB

**Project No.:** 2016222

| Sample ID | Lab ID | Matrix | Collection Date/Time | | Received Date/Time | |
|---|---|---|---|---|---|---|
| BACKFILL 1 | 20130766 | Soil | 12/20/2002 | 12:25 | 12/20/2002 | 16:00 |
| BACKFILL 2 | 20130767 | Soil | 12/20/2002 | 12:30 | 12/20/2002 | 16:00 |
| BACKFILL 3 | 20130768 | Soil | 12/20/2002 | 12:40 | 12/20/2002 | 16:00 |
| TANK EAST | 20130770 | Soil | 12/20/2002 | 13:12 | 12/20/2002 | 16:00 |
| TANK WEST | 20130769 | Soil | 12/20/2002 | 13:00 | 12/20/2002 | 16:00 |



Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87593
Kansas Dept. of Health & Environment/ELWHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

Pace Analytical™
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

www.pacelabs.com

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** BACKFILL 1
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130766
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22735
**Method:** SW 8270 Semivolatile Organics - SR682MSLOW
**Units:** ug/kg
**Target List:** SR682MSLOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/31/02
**Analyzed:** 12/31/02 16:52 AKE

PAH OK

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 333. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 333. | 560. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. | 560. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. | 5500 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 333. | 61000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. | 200000 |
| 86-73-7 | Fluorene | 1 | ND | | 333. | 180000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. | 560. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 333. | 150000 |

13 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:21

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - S8002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

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1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** BACKFILL 2
**Site:** None

**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**

**Lab ID:** 20130767
**Matrix:** Soil
**% Moisture:** Not Corrected

**Description:** None
**Prep Level:** Soil
**Batch:** 22735

**Method:** SW 8270 Semivolatile Organics - SR682MSLOW
**Units:** ug/kg
**Target List:** SR682MSLOW

**Collected:** 12/20/02
**Received:** 12/20/02

**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/31/02
**Analyzed:** 12/31/02 17:33 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 333. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 333. | 560. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. | 560. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. | 5500 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 333. | 61000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. | 200000 |
| 86-73-7 | Fluorene | 1 | ND | | 333. | 180000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. | 560. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 333. | 150000 |

13 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
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On lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:21

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

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**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** BACKFILL 3
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130768
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22735
**Method:** SW 8270 Semivolatile Organics - SR682MSLOW
**Units:** ug/kg
**Target List:** SR682MSLOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 01/03/03
**Analyzed:** 01/03/03 17:25 AKE

| CAS Number | Parameter | Dilution | Result DIC | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 333. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 333. | 560. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. | 560. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. | 5500 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 333. | 61000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. | 200000 |
| 86-73-7 | Fluorene | 1 | ND | | 333. | 180000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. | 560. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 333. | 150000 |

13 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
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1/10/2003 09:17:21

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** TANK WEST
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130769
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22735
**Method:** SW 8270 Semivolatile Organics - SR682MSLOW
**Units:** ug/kg
**Target List:** SR682MSLOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/31/02
**Analyzed:** 12/31/02 18:14 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 333. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 333. | 560. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. | 560. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. | 5500 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 333. | 61000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. | 200000 |
| 86-73-7 | Fluorene | 1 | ND | | 333. | 180000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. | 560. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 333. | 150000 |

13 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:22

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/EL.WHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

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**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** TANK EAST
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130770
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22735
**Method:** SW 8270 Semivolatile Organics - SR682MSLOW
**Units:** ug/kg
**Target List:** SR682MSLOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/31/02
**Analyzed:** 12/31/02 18:56 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. | 220000 |
| 120-12-7 | Anthracene | 1 | ND | | 333. | 120000 |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | ML | 333. | 560. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. | 560. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. | 5500 |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. | 330. |
| 218-01-9 | Chrysene | 1 | ND | | 333. | 61000 |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. | 330. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. | 200000 |
| 86-73-7 | Fluorene | 1 | ND | | 333. | 180000 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. | 560. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. | 1500 |
| 129-00-0 | Pyrene | 1 | ND | | 333. | 150000 |

13 compound(s) reported

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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:22

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELWHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** BACKFILL 1
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130766
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22622
**Method:** Louisiana TPH Diesel & Oil Range Organics (C10-C20 &C20-C28) - TPHLALOW
**Units:** mg/kg
**Target List:** TPHLALOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/24/02
**Analyzed:** 12/31/02 18:56 LMS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Oil Range Organics | 1 | 130. | | 50.0 | 140 |

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:23

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services
Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

www.pacelabs.com

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** BACKFILL 2
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130767
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22622
**Method:** Louisiana TPH Diesel & Oil Range Organics (C10-C20 &C20-C28) - TPHLALOW
**Units:** mg/kg
**Target List:** TPHLALOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prepared:** 12/24/02
**Analyzed:** 12/31/02 18:27 LMS
**Prep Factor:** 1
**Leached:** n/a

| CAS Number | Parameter | Dilution | Result 0 1C | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Oil Range Organics | 1 | 77.3 | | 50.0 | 1 40 |

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:23

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/EL/WHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** BACKFILL 3
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130768
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22622
**Method:** Louisiana TPH Diesel & Oil Range Organics (C10-C20 &C20-C28) - TPHLALOW
**Units:** mg/kg
**Target List:** TPHLALOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/24/02
**Analyzed:** 12/31/02 17:58 LMS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Oil Range Organics | 1 | ND | UL | 50.0 | 1410 |

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:23

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 50002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

www.pacelabs.com

**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** TANK WEST
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130769
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22622
**Method:** Louisiana TPH Diesel & Oil Range Organics (C10-C20 &C20-C28) - TPHLALOW
**Units:** mg/kg
**Target List:** TPHLALOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/24/02
**Analyzed:** 12/31/02 17:29 LMS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Oil Range Organics | 1 | 78.6 | O/L | 50.0 | 140 |

1 compound(s) reported

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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:24

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELWHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

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**Client:** JACOBSEN SPECIALTY SERVICES

**Client ID:** TANK EAST
**Site:** None
**Project:** N.O. SEWERAGE & WB
**Project No.:** 2016222
**Sample Qu:**
**Lab ID:** 20130770
**Matrix:** Soil
**% Moisture:** Not Corrected
**Description:** None
**Prep Level:** Soil
**Batch:** 22622
**Method:** Louisiana TPH Diesel & Oil Range Organics (C10-C20 &C20-C28) - TPHLALOW
**Units:** mg/kg
**Target List:** TPHLALOW
**Collected:** 12/20/02
**Received:** 12/20/02
**Prep Factor:** 1
**Leached:** n/a
**Prepared:** 12/24/02
**Analyzed:** 12/31/02 17:00 LMS

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit | Reg. Limit |
|---|---|---|---|---|---|---|
| | TPH - Oil Range Organics | 1 | 288. | | 50.0 | 140 |

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
On lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

1/10/2003 09:17:24

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006
Florida Dept. of Health/Hazardous Waste - E87385
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client ID:** BACKFILL 1 **Client:** JACOBSEN SPECIALTY SERVICES

**Project:** N.O. SEWERAGE & WB **Site:** None

**Lab ID:** 20130766 **Project No.:** 2016222

**Description:** None **Matrix:** Soil **%Moisture:** Not Corrected

**Collected:** 12/20/02 **Received:** 12/20/02

| ParameterName | Method | Batch | DF | Result | Qu | Units | Reporting Limit | Prep. | Analysis | | Reg. Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | SW 6010 | 22648 | 1 | 4.70 | | mg/kg | 1.02 | 30-Dec-02 | 30-Dec-02 18:22 | KJR | |
| Barium | SW 6010 | 22648 | 1 | 184. | | mg/kg | 20.4 | 30-Dec-02 | 30-Dec-02 18:22 | KJR | |
| Cadmium | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.510 | 30-Dec-02 | 30-Dec-02 18:22 | KJR | |
| Chromium | SW 6010 | 22648 | 1 | 12.5, | | mg/kg | 1.02 | 30-Dec-02 | 30-Dec-02 18:22 | KJR | |
| Lead | SW 6010 | 22648 | 1 | 97.7 ~ 100 | | mg/kg | 0.306 | 30-Dec-02 | 30-Dec-02 18:22 | KJR | |
| Mercury | SW 7471 | 22491 | 1 | ND | | mg/kg | 0.0606 | 09-Jan-03 | 09-Jan-03 12:16 | KJR | |
| Selenium | SW 6010 | 22648 | 1 | ND | | mg/kg | 1.02 | 30-Dec-02 | 30-Dec-02 18:22 | KJR | |
| Silver | SW 6010 | 22648 | 1 | ND | | mg/kg | 1.02 | 30-Dec-02 | 30-Dec-02 18:22 | KJR | |

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitibility.
(1c) Reactive cyanide above 250 ppm is hazardous for reactivity.
(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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New Orleans Laboratory

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Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client ID:** BACKFILL 2
**Client:** JACOBSEN SPECIALTY SERVICES
**Project:** N.O. SEWERAGE & WB
**Site:** None
**Lab ID:** 20130767
**Project No.:** 2016222
**Description:** None
**Matrix:** Soil
**%Moisture:** Not Corrected
**Collected:** 12/20/02
**Received:** 12/20/02

| ParameterName | Method | Batch | DF | Result | Qu | Units | Reporting Limit | Prep. | Analysis | | Reg. Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | SW 6010 | 22648 | 1 | 3.20 | | mg/kg | 0.794 | 30-Dec-02 | 30-Dec-02 18:27 | KJR | |
| Barium | SW 6010 | 22648 | 1 | 129. | JK | mg/kg | 15.9 | 30-Dec-02 | 30-Dec-02 18:27 | KJR | |
| Cadmium | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.397 | 30-Dec-02 | 30-Dec-02 18:27 | KJR | |
| Chromium | SW 6010 | 22648 | 1 | 9.40 | | mg/kg | 0.794 | 30-Dec-02 | 30-Dec-02 18:27 | KJR | |
| Lead | SW 6010 | 22648 | 1 | 10.3 | | mg/kg | 0.238 | 30-Dec-02 | 30-Dec-02 18:27 | KJR | |
| Mercury | SW 7471 | 22491 | 1 | ND | | mg/kg | 0.0488 | 09-Jan-03 | 09-Jan-03 12:18 | KJR | |
| Selenium | SW 6010 | 22648 | 1 | 1.40 | | mg/kg | 0.794 | 30-Dec-02 | 30-Dec-02 18:27 | KJR | |
| Silver | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.794 | 30-Dec-02 | 30-Dec-02 18:27 | KJR | |

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitibility.
(1c) Reactive cyanide above 250 ppm is hazardous for reactivity.
(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 50002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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New Orleans Laboratory

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Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client ID:** BACKFILL 3
**Client:** JACOBSEN SPECIALTY SERVICES
**Project:** N.O. SEWERAGE & WB
**Site:** None
**Lab ID:** 20130768
**Project No.:** 2016222
**Description:** None
**Matrix:** Soil
**%Moisture:** Not Corrected
**Collected:** 12/20/02
**Received:** 12/20/02

| ParameterName | Method | Batch | DF | Result | Qu | Units | Reporting Limit | Prep. | Analysis | | Reg. Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | SW 6010 | 22648 | 1 | 2.40 | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:31 | KJR | |
| Barium | SW 6010 | 22648 | 1 | 120. | | mg/kg | 17.5 | 30-Dec-02 | 30-Dec-02 18:31 | KJR | |
| Cadmium | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.439 | 30-Dec-02 | 30-Dec-02 18:31 | KJR | |
| Chromium | SW 6010 | 22648 | 1 | 9.40 | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:31 | KJR | |
| Lead | SW 6010 | 22648 | 1 | 11.8 | | mg/kg | 0.263 | 30-Dec-02 | 30-Dec-02 18:31 | KJR | |
| Mercury | SW 7471 | 22491 | 1 | ND | | mg/kg | 0.0690 | 09-Jan-03 | 09-Jan-03 12:20 | KJR | |
| Selenium | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:31 | KJR | |
| Silver | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:31 | KJR | |

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitibility.
(1c) Reactive cyanide above 250 ppm is hazardous for reactivity.
(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
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Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 59002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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New Orleans Laboratory

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1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client ID:** TANK WEST
**Client:** JACOBSEN SPECIALTY SERVICES
**Project:** N.O. SEWERAGE & WB
**Site:** None
**Lab ID:** 20130769
**Project No.:** 2016222
**Description:** None
**Matrix:** Soil
**%Moisture:** Not Corrected
**Collected:** 12/20/02
**Received:** 12/20/02

| ParameterName | Method | Batch | DF | Result | Qu | Units | Reporting Limit | Prep. | Analysis | | Reg. Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | SW 6010 | 22648 | 1 | 5.10 | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:35 | KJR | |
| Barium | SW 6010 | 22648 | 1 | 161. | | mg/kg | 17.5 | 30-Dec-02 | 30-Dec-02 18:35 | KJR | |
| Cadmium | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.439 | 30-Dec-02 | 30-Dec-02 18:35 | KJR | |
| Chromium | SW 6010 | 22648 | 1 | 10.9 | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:35 | KJR | |
| Lead | SW 6010 | 22648 | 1 | 13.7 | | mg/kg | 0.263 | 30-Dec-02 | 30-Dec-02 18:35 | KJR | |
| Mercury | SW 7471 | 22491 | 1 | 0.0430 | | mg/kg | 0.0385 | 09-Jan-03 | 09-Jan-03 12:26 | KJR | |
| Selenium | SW 6010 | 22648 | 1 | 1.80 | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:35 | KJR | |
| Silver | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.877 | 30-Dec-02 | 30-Dec-02 18:35 | KJR | |

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
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(1c) Reactive cyanide above 250 ppm is hazardous for reactivity.
(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
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New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Laboratory Analysis

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1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Client ID:** TANK EAST
**Client:** JACOBSEN SPECIALTY SERVICES
**Project:** N.O. SEWERAGE & WB
**Site:** None
**Lab ID:** 20130770
**Project No.:** 2016222
**Description:** None
**Matrix:** Soil
**%Moisture:** Not Corrected
**Collected:** 12/20/02
**Received:** 12/20/02

| ParameterName | Method | Batch | DF | Result | Qu | Units | Reporting Limit | Prep. | Analysis | | Reg. Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | SW 6010 | 22648 | 1 | 5.20 | | mg/kg | 0.833 | 30-Dec-02 | 30-Dec-02 18:40 | KJR | |
| Barium | SW 6010 | 22648 | 1 | 130. | | mg/kg | 16.7 | 30-Dec-02 | 30-Dec-02 18:40 | KJR | |
| Cadmium | SW 6010 | 22648 | 1 | 0.440 | DIC | mg/kg | 0.417 | 30-Dec-02 | 30-Dec-02 18:40 | KJR | |
| Chromium | SW 6010 | 22648 | 1 | 9.50 | | mg/kg | 0.833 | 30-Dec-02 | 30-Dec-02 18:40 | KJR | |
| Lead | SW 6010 | 22648 | 1 | 10.7 | | mg/kg | 0.250 | 30-Dec-02 | 30-Dec-02 18:40 | KJR | |
| Mercury | SW 7471 | 22491 | 1 | ND | | mg/kg | 0.0588 | 09-Jan-03 | 09-Jan-03 12:28 | KJR | |
| Selenium | SW 6010 | 22648 | 1 | 1.80 | | mg/kg | 0.833 | 30-Dec-02 | 30-Dec-02 18:40 | KJR | |
| Silver | SW 6010 | 22648 | 1 | ND | | mg/kg | 0.833 | 30-Dec-02 | 30-Dec-02 18:40 | KJR | |

8 parameter(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
DF denotes Dilution Factor of final sample. PF denotes sample Prep Factor which accounts for a non-routine sample size.
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(1d) Reactive sulfide above 500 ppm is hazardous for reactivity.
Ethylene is a common synonym for the IUPAC standard ethene in all compounds with this functional group.
methyl ethyl ketone is a synonym for 2-butanone
o,m,p-cresol are synonyms for 2,3,4-methylphenol, respectively.
Hexachlorobutadiene is hexachloro-1,3-butadiene

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10268
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Quality Control

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

**Units:** ug/kg

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1660.00 | | | | 1660.00 | 64 | 77 | 19 | | 35 - 96 | 10 - 111 | 50 | |
| Acenaphthene | 1660.00 | 76 | | | 1660.00 | | | | | 35 - 96 | 10 - 111 | 50 | |
| Acenaphthene | 1660.00 | 74 | | | 1660.00 | | | | | 35 - 96 | 10 - 111 | 50 | |
| bis(2-Chloroethyl) ether | 1660.00 | | | | 1660.00 | 55 | 65 | 17 | | 35 - 90 | 13 - 94 | 50 | |
| Acenaphthylene | 1660.00 | 73 | | | 1660.00 | | | | | 40 - 94 | 20 - 98 | 50 | |
| Acenaphthylene | 1660.00 | | | | 1660.00 | 63 | 79 | 23 | | 40 - 94 | 20 - 98 | 50 | |
| Acenaphthylene | 1660.00 | 80 | | | 1660.00 | | | | | 40 - 94 | 20 - 98 | 50 | |
| Anthracene | 1660.00 | 78 | | | 1660.00 | | | | | 43 - 95 | 6 - 123 | 50 | |
| 2,2'-oxybis(1-Chloropropane) | 1660.00 | | | | 1660.00 | 52 | 62 | 17 | | 24 - 96 | 7 - 94 | 50 | |
| Anthracene | 1660.00 | | | | 1660.00 | 67 | 84 | 22 | | 43 - 95 | 6 - 123 | 50 | |
| Anthracene | 1660.00 | 81 | | | 1660.00 | | | | | 43 - 95 | 6 - 123 | 50 | |
| Benzo(a)anthracene | 1660.00 | 75 | | | 1660.00 | | | | | 38 - 101 | 6 - 118 | 50 | |
| Phenol | 1660.00 | | | | 1660.00 | 60 | 72 | 17 | | 36 - 94 | 19 - 94 | 50 | |
| Benzo(a)anthracene | 1660.00 | | | | 1660.00 | 69 | 83 | 19 | | 38 - 101 | 6 - 118 | 50 | |
| Benzo(b)fluoranthene | 1660.00 | 66 | | | 1660.00 | | | | | 31 - 109 | 1 - 132 | 50 | |
| Benzo(b)fluoranthene | 1660.00 | | | | 1660.00 | 66 | 95 | 36 | | 31 - 109 | 1 - 132 | 50 | |
| Benzo(a)anthracene | 1660.00 | 83 | | | 1660.00 | | | | | 38 - 101 | 6 - 118 | 50 | |
| Benzo(k)fluoranthene | 1660.00 | 82 | | | 1660.00 | | | | | 32 - 107 | 4 - 120 | 50 | |
| Benzo(k)fluoranthene | 1660.00 | | | | 1660.00 | 71 | 71 | 0 | | 32 - 107 | 4 - 120 | 50 | |
| Benzo(b)fluoranthene | 1660.00 | 83 | | | 1660.00 | | | | | 31 - 109 | 1 - 132 | 50 | |
| Benzo(a)pyrene | 1660.00 | 78 | | | 1660.00 | | | | | 36 - 107 | 6 - 119 | 50 | |
| Benzoic acid | 1660.00 | 73 | | | 1660.00 | | | | | 4 - 129 | 0 - 131 | 50 | |
| Benzoic acid | 1660.00 | | | | 1660.00 | 55 | 64 | 15 | | 4 - 129 | 0 - 131 | 50 | |
| Benzo(k)fluoranthene | 1660.00 | 84 | | | 1660.00 | | | | | 32 - 107 | 4 - 120 | 50 | |
| Chrysene | 1660.00 | 75 | | | 1660.00 | | | | | 39 - 97 | 8 - 112 | 50 | |
| Benzo(g,h,i)perylene | 1660.00 | | | | 1660.00 | 61 | 71 | 16 | | 19 - 114 | 0 - 117 | 50 | |
| Benzo(g,h,i)perylene | 1660.00 | 79 | | | 1660.00 | | | | | 19 - 114 | 0 - 117 | 50 | |
| Benzoic acid | 1660.00 | 77 | | | 1660.00 | | | | | 4 - 129 | 0 - 131 | 50 | |
| Dibenz(a,h)anthracene | 1660.00 | 80 | | | 1660.00 | | | | | 25 - 113 | 1 - 110 | 50 | |
| Benzo(a)pyrene | 1660.00 | | | | 1660.00 | 68 | 83 | 20 | | 36 - 107 | 6 - 119 | 50 | |
| Benzo(g,h,i)perylene | 1660.00 | 80 | | | 1660.00 | | | | | 19 - 114 | 0 - 117 | 50 | |
| Fluoranthene | 1660.00 | 80 | | | 1660.00 | | | | | 38 - 98 | 4 - 117 | 50 | |
| Benzyl alcohol | 1660.00 | | | | 1660.00 | 61 | 72 | 15 | | 27 - 103 | 8 - 106 | 50 | |
| Benzyl alcohol | 1660.00 | 69 | | | 1660.00 | | | | | 27 - 103 | 8 - 106 | 50 | |
| Benzo(a)pyrene | 1660.00 | 84 | | | 1660.00 | | | | | 36 - 107 | 6 - 119 | 50 | |
| Fluorene | 1660.00 | 77 | | | 1660.00 | | | | | 38 - 99 | 3 - 123 | 50 | |
| 4-Bromophenyl-phenylether | 1660.00 | 75 | | | 1660.00 | | | | | 37 - 97 | 15 - 103 | 50 | |
| 4-Bromophenyl-phenylether | 1660.00 | | | | 1660.00 | 62 | 76 | 20 | | 37 - 97 | 15 - 103 | 50 | |
| Benzyl alcohol | 1660.00 | 69 | | | 1660.00 | | | | | 27 - 103 | 8 - 106 | 50 | |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

1/10/2003 09:17:28

Laboratory Certifications:
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Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Quality Control

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

**Units:** ug/kg

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (I)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indeno(1,2,3-cd)pyrene | 1660.00 | 78 | | | 1660.00 | | | | | 25 - 112 | 1 - 113 | 50 | |
| Butylbenzylphthalate | 1660.00 | | | | 1660.00 | 67 | 80 | 17 | | 31 - 110 | 14 - 116 | 50 | |
| Butylbenzylphthalate | 1660.00 | 70 | | | 1660.00 | | | | | 31 - 110 | 14 - 116 | 50 | |
| 4-Bromophenyl-phenylether | 1660.00 | 75 | | | 1660.00 | | | | | 37 - 97 | 15 - 103 | 50 | |
| Naphthalene | 1660.00 | 70 | | | 1660.00 | | | | | 39 - 88 | 2 - 111 | 50 | |
| 4-Chloroaniline (p-Chloroaniline) | 1660.00 | | | | 1660.00 | 35 | 29 | 17 | | 1 - 85 | 1 - 69 | 50 | |
| 4-Chloroaniline (p-Chloroaniline) | 1660.00 | 33 | | | 1660.00 | | | | | 1 - 85 | 1 - 69 | 50 | |
| Butylbenzylphthalate | 1660.00 | 80 | | | 1660.00 | | | | | 31 - 110 | 14 - 116 | 50 | |
| Pyrene | 1660.00 | 75 | | | 1660.00 | | | | | 36 - 103 | 3 - 128 | 50 | |
| bis(2-Chloroethoxy)methane | 1660.00 | | | | 1660.00 | 57 | 67 | 16 | | 37 - 92 | 18 - 94 | 50 | |
| bis(2-Chloroethoxy)methane | 1660.00 | 67 | | | 1660.00 | | | | | 37 - 92 | 18 - 94 | 50 | |
| 4-Chloroaniline (p-Chloroaniline) | 1660.00 | 32 | | | 1660.00 | | | | | 1 - 85 | 1 - 69 | 50 | |
| bis(2-Chloroethyl) ether | 1660.00 | 63 | | | 1660.00 | | | | | 35 - 90 | 13 - 94 | 50 | |
| bis(2-Chloroethoxy)methane | 1660.00 | 68 | | | 1660.00 | | | | | 37 - 92 | 18 - 94 | 50 | |
| 2,2'-oxybis(1-Chloropropane) | 1660.00 | 64 | | | 1660.00 | | | | | 24 - 96 | 7 - 94 | 50 | |
| bis(2-Chloroethyl) ether | 1660.00 | 63 | | | 1660.00 | | | | | 35 - 90 | 13 - 94 | 50 | |
| 4-Chloro-3-methylphenol (p-Chloro-m- | 1660.00 | | | | 1660.00 | 154 * | 203 * | 28 | | 36 - 100 | 5 - 117 | 50 | |
| 4-Chloro-3-methylphenol (p-Chloro-m- | 1660.00 | 77 | | | 1660.00 | | | | | 36 - 100 | 5 - 117 | 50 | |
| 2,2'-oxybis(1-Chloropropane) | 1660.00 | 62 | | | 1660.00 | | | | | 24 - 96 | 7 - 94 | 50 | |
| 2-Chloronaphthalene | 1660.00 | 72 | | | 1660.00 | | | | | 38 - 91 | 14 - 100 | 50 | |
| 2-Chloronaphthalene | 1660.00 | | | | 1660.00 | 60 | 73 | 20 | | 38 - 91 | 14 - 100 | 50 | |
| 4-Chloro-3-methylphenol (p-Chloro-m- | 1660.00 | 79 | | | 1660.00 | | | | | 36 - 100 | 5 - 117 | 50 | |
| 2-Chlorophenol (o-Chlorophenol) | 1660.00 | 71 | | | 1660.00 | | | | | 37 - 92 | 20 - 92 | 50 | |
| 2-Chlorophenol (o-Chlorophenol) | 1660.00 | | | | 1660.00 | 60 | 70 | 16 | | 37 - 92 | 20 - 92 | 50 | |
| 2-Chloronaphthalene | 1660.00 | 74 | | | 1660.00 | | | | | 38 - 91 | 14 - 100 | 50 | |
| 4-Chlorophenyl phenyl ether | 1660.00 | 75 | | | 1660.00 | | | | | 38 - 97 | 23 - 94 | 50 | |
| 4-Chlorophenyl phenyl ether | 1660.00 | | | | 1660.00 | 61 | 75 | 20 | | 38 - 97 | 23 - 94 | 50 | |
| 2-Chlorophenol (o-Chlorophenol) | 1660.00 | 70 | | | 1660.00 | | | | | 37 - 92 | 20 - 92 | 50 | |
| Chrysene | 1660.00 | | | | 1660.00 | 68 | 80 | 16 | | 39 - 97 | 8 - 112 | 50 | |
| 4-Chlorophenyl phenyl ether | 1660.00 | 73 | | | 1660.00 | | | | | 38 - 97 | 23 - 94 | 50 | |
| Dibenz(a,h)anthracene | 1660.00 | | | | 1660.00 | 60 | 72 | 17 | | 25 - 113 | 1 - 110 | 50 | |
| Chrysene | 1660.00 | 78 | | | 1660.00 | | | | | 39 - 97 | 8 - 112 | 50 | |
| Dibenzofuran | 1660.00 | 71 | | | 1660.00 | | | | | 41 - 93 | 1 - 121 | 50 | |
| Dibenzofuran | 1660.00 | | | | 1660.00 | 63 | 80 | 23 | | 41 - 93 | 1 - 121 | 50 | |
| Di-n-butylphthalate | 1660.00 | 76 | | | 1660.00 | | | | | 38 - 100 | 25 - 97 | 50 | |
| Di-n-butylphthalate | 1660.00 | | | | 1660.00 | 69 | 85 | 21 | | 38 - 100 | 25 - 97 | 50 | |
| Dibenz(a,h)anthracene | 1660.00 | 80 | | | 1660.00 | | | | | 25 - 113 | 1 - 110 | 50 | |
| 1,2-Dichlorobenzene (o-Dichlorobenze | 1660.00 | | | | 1660.00 | 50 | 60 | 19 | | 34 - 84 | 11 - 84 | 50 | |
| 1,2-Dichlorobenzene (o-Dichlorobenze | 1660.00 | 63 | | | 1660.00 | | | | | 34 - 84 | 11 - 84 | 50 | |

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MS spike concentrations are not corrected for moisture content of the spiked sample.
(I) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
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Foreign Soil Import (U.S. Territories)

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1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

Project No.: 2016222

Method: Low Soil GC/MS Semivolatile Organics

Batch: 22735

Units: ug/kg

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dibenzofuran | 1660.00 | 81 | | | 1660.00 | | | | | 41 - 93 | 1 - 121 | 50 | |
| 1,3-Dichlorobenzene (m-Dichlorobenz | 1660.00 | 61 | | | 1660.00 | | | | | 33 - 84 | 5 - 85 | 50 | |
| 1,3-Dichlorobenzene (m-Dichlorobenz | 1660.00 | | | | 1660.00 | 46 | 56 | 18 | | 33 - 84 | 5 - 85 | 50 | |
| Di-n-butylphthalate | 1660.00 | 81 | | | 1660.00 | | | | | 38 - 100 | 25 - 97 | 50 | |
| 1,4-Dichlorobenzene (p-Dichlorobenze | 1660.00 | | | | 1660.00 | 47 | 56 | 17 | | 31 - 83 | 7 - 84 | 50 | |
| 1,4-Dichlorobenzene (p-Dichlorobenze | 1660.00 | 63 | | | 1660.00 | | | | | 31 - 83 | 7 - 84 | 50 | |
| 1,2-Dichlorobenzene (o-Dichlorobenze | 1660.00 | 61 | | | 1660.00 | | | | | 34 - 84 | 11 - 84 | 50 | |
| 3,3'-Dichlorobenzidine | 1660.00 | 34 | | | 1660.00 | | | | | 3 - 87 | 1 - 83 | 50 | |
| 3,3'-Dichlorobenzidine | 1660.00 | | | | 1660.00 | 56 | 56 | 0 | | 3 - 87 | 1 - 83 | 50 | |
| 1,3-Dichlorobenzene (m-Dichlorobenz | 1660.00 | 57 | | | 1660.00 | | | | | 33 - 84 | 5 - 85 | 50 | |
| 2,4-Dichlorophenol | 1660.00 | | | | 1660.00 | 61 | 72 | 17 | | 39 - 97 | 10 - 106 | 50 | |
| 2,4-Dichlorophenol | 1660.00 | 78 | | | 1660.00 | | | | | 39 - 97 | 10 - 106 | 50 | |
| 1,4-Dichlorobenzene (p-Dichlorobenze | 1660.00 | 58 | | | 1660.00 | | | | | 31 - 83 | 7 - 84 | 50 | |
| Diethylphthalate | 1660.00 | 75 | | | 1660.00 | | | | | 40 - 99 | 21 - 102 | 50 | |
| Diethylphthalate | 1660.00 | | | | 1660.00 | 63 | 80 | 24 | | 40 - 99 | 21 - 102 | 50 | |
| 3,3'-Dichlorobenzidine | 1660.00 | 60 | | | 1660.00 | | | | | 3 - 87 | 1 - 83 | 50 | |
| 2,4-Dimethylphenol | 1660.00 | | | | 1660.00 | 59 | 67 | 13 | | 36 - 97 | 19 - 97 | 50 | |
| 2,4-Dimethylphenol | 1660.00 | 76 | | | 1660.00 | | | | | 36 - 97 | 19 - 97 | 50 | |
| 2,4-Dichlorophenol | 1660.00 | 75 | | | 1660.00 | | | | | 39 - 97 | 10 - 106 | 50 | |
| Dimethylphthalate | 1660.00 | 75 | | | 1660.00 | | | | | 40 - 95 | 23 - 97 | 50 | |
| Dimethylphthalate | 1660.00 | | | | 1660.00 | 67 | 80 | 17 | | 40 - 95 | 23 - 97 | 50 | |
| Diethylphthalate | 1660.00 | 76 | | | 1660.00 | | | | | 40 - 99 | 21 - 102 | 50 | |
| 4,6-Dinitro-2-methylphenol (4,6-Dinitr | 1660.00 | | | | 1660.00 | 67 | 79 | 17 | | 12 - 122 | 0 - 124 | 50 | |
| 4,6-Dinitro-2-methylphenol (4,6-Dinitr | 1660.00 | 67 | | | 1660.00 | | | | | 12 - 122 | 0 - 124 | 50 | |
| 2,4-Dinitrophenol | 1660.00 | | | | 1660.00 | 61 | 67 | 10 | | 1 - 140 | 1 - 133 | 50 | |
| 2,4-Dinitrophenol | 1660.00 | 69 | | | 1660.00 | | | | | 1 - 140 | 1 - 133 | 50 | |
| 2,4-Dimethylphenol | 1660.00 | 75 | | | 1660.00 | | | | | 36 - 97 | 19 - 97 | 50 | |
| 2,4-Dinitrotoluene | 1660.00 | 73 | | | 1660.00 | | | | | 40 - 102 | 16 - 112 | 50 | |
| 2,4-Dinitrotoluene | 1660.00 | | | | 1660.00 | 72 | 87 | 20 | | 40 - 102 | 16 - 112 | 50 | |
| Dimethylphthalate | 1660.00 | 77 | | | 1660.00 | | | | | 40 - 95 | 23 - 97 | 50 | |
| 2,6-Dinitrotoluene | 1660.00 | | | | 1660.00 | 68 | 80 | 16 | | 38 - 101 | 12 - 113 | 50 | |
| 2,6-Dinitrotoluene | 1660.00 | 76 | | | 1660.00 | | | | | 38 - 101 | 12 - 113 | 50 | |
| 4,6-Dinitro-2-methylphenol (4,6-Dinitr | 1660.00 | 80 | | | 1660.00 | | | | | 12 - 122 | 0 - 124 | 50 | |
| Di-n-octylphthalate | 1660.00 | 66 | | | 1660.00 | | | | | 50 - 150 | 50 - 150 | 50 | |
| Di-n-octylphthalate | 1660.00 | | | | 1660.00 | 66 | 87 | 27 | | 50 - 150 | 50 - 150 | 50 | |
| 2,4-Dinitrophenol | 1660.00 | 77 | | | 1660.00 | | | | | 1 - 140 | 1 - 133 | 50 | |
| bis(2-Ethylhexyl)phthalate | 1660.00 | | | | 1660.00 | 74 | 90 | 19 | | 32 - 109 | 10 - 120 | 50 | |
| bis(2-Ethylhexyl)phthalate | 1660.00 | 69 | | | 1660.00 | | | | | 32 - 109 | 10 - 120 | 50 | |
| 2,4-Dinitrotoluene | 1660.00 | 86 | | | 1660.00 | | | | | 40 - 102 | 16 - 112 | 50 | |

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**Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

**Units:** ug/kg

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoranthene | 1660.00 | | | | 1660.00 | 66 | 85 | 26 | | 38 - 98 | 4 - 117 | 50 | |
| 2,6-Dinitrotoluene | 1660.00 | 80 | | | 1660.00 | | | | | 38 - 101 | 12 - 113 | 50 | |
| Fluorene | 1660.00 | | | | 1660.00 | 66 | 80 | 19 | | 38 - 99 | 3 - 123 | 50 | |
| Di-n-octylphthalate | 1660.00 | 78 | | | 1660.00 | | | | | 50 - 150 | 50 - 150 | 50 | |
| Hexachlorobenzene | 1660.00 | 77 | | | 1660.00 | | | | | 37 - 99 | 18 - 101 | 50 | |
| Hexachlorobenzene | 1660.00 | | | | 1660.00 | 63 | 78 | 22 | | 37 - 99 | 18 - 101 | 50 | |
| bis(2-Ethylhexyl)phthalate | 1660.00 | 89 | | | 1660.00 | | | | | 32 - 109 | 10 - 120 | 50 | |
| Hexachlorobutadiene | 1660.00 | 67 | | | 1660.00 | | | | | 35 - 96 | 13 - 93 | 50 | |
| Hexachlorobutadiene | 1660.00 | | | | 1660.00 | 50 | 60 | 18 | | 35 - 96 | 13 - 93 | 50 | |
| Fluoranthene | 1660.00 | 80 | | | 1660.00 | | | | | 38 - 98 | 4 - 117 | 50 | |
| Hexachlorocyclopentadiene | 1660.00 | | | | 1660.00 | 41 | 43 | 5 | | 21 - 106 | 1 - 108 | 50 | |
| Hexachlorocyclopentadiene | 1660.00 | 59 | | | 1660.00 | | | | | 21 - 106 | 1 - 108 | 50 | |
| Fluorene | 1660.00 | 80 | | | 1660.00 | | | | | 38 - 99 | 3 - 123 | 50 | |
| Hexachloroethane | 1660.00 | | | | 1660.00 | 45 | 53 | 16 | | 33 - 87 | 1 - 108 | 50 | |
| Hexachloroethane | 1660.00 | 59 | | | 1660.00 | | | | | 33 - 87 | 1 - 108 | 50 | |
| Hexachlorobenzene | 1660.00 | 78 | | | 1660.00 | | | | | 37 - 99 | 18 - 101 | 50 | |
| Indeno(1,2,3-cd)pyrene | 1660.00 | | | | 1660.00 | 61 | 71 | 16 | | 25 - 112 | 1 - 113 | 50 | |
| Hexachlorobutadiene | 1660.00 | 63 | | | 1660.00 | | | | | 35 - 96 | 13 - 93 | 50 | |
| Isophorone | 1660.00 | 69 | | | 1660.00 | | | | | 42 - 101 | 16 - 110 | 50 | |
| Isophorone | 1660.00 | | | | 1660.00 | 56 | 67 | 18 | | 42 - 101 | 16 - 110 | 50 | |
| Hexachlorocyclopentadiene | 1660.00 | 67 | | | 1660.00 | | | | | 21 - 106 | 1 - 108 | 50 | |
| 2-Methylnaphthalene | 1660.00 | 73 | | | 1660.00 | | | | | 38 - 100 | 2 - 119 | 50 | |
| 2-Methylnaphthalene | 1660.00 | | | | 1660.00 | 59 | 70 | 17 | | 38 - 100 | 2 - 119 | 50 | |
| Hexachloroethane | 1660.00 | 57 | | | 1660.00 | | | | | 33 - 87 | 1 - 108 | 50 | |
| 2-Methylphenol (o-Cresol) | 1660.00 | 70 | | | 1660.00 | | | | | 34 - 99 | 19 - 94 | 50 | |
| 2-Methylphenol (o-Cresol) | 1660.00 | | | | 1660.00 | 59 | 72 | 20 | | 34 - 99 | 19 - 94 | 50 | |
| 4-Methylphenol (p-Cresol) | 1660.00 | | | | 1660.00 | 58 | 75 | 24 | | 28 - 105 | 14 - 101 | 50 | |
| 4-Methylphenol (p-Cresol) | 1660.00 | 75 | | | 1660.00 | | | | | 28 - 105 | 14 - 101 | 50 | |
| Indeno(1,2,3-cd)pyrene | 1660.00 | 80 | | | 1660.00 | | | | | 25 - 112 | 1 - 113 | 50 | |
| Naphthalene | 1660.00 | | | | 1660.00 | 58 | 68 | 16 | | 39 - 88 | 2 - 111 | 50 | |
| Isophorone | 1660.00 | 68 | | | 1660.00 | | | | | 42 - 101 | 16 - 110 | 50 | |
| 2-Nitroaniline (o-Nitroaniline) | 1660.00 | | | | 1660.00 | 66 | 76 | 14 | | 33 - 106 | 3 - 122 | 50 | |
| 2-Nitroaniline (o-Nitroaniline) | 1660.00 | 69 | | | 1660.00 | | | | | 33 - 106 | 3 - 122 | 50 | |
| 3-Nitroaniline (m-Nitroaniline) | 1660.00 | | | | 1660.00 | 58 | 58 | 1 | | 16 - 92 | 1 - 102 | 50 | |
| 3-Nitroaniline (m-Nitroaniline) | 1660.00 | 51 | | | 1660.00 | | | | | 16 - 92 | 1 - 102 | 50 | |
| 4-Nitroaniline (p-Nitroaniline) | 1660.00 | 70 | | | 1660.00 | | | | | 26 - 106 | 4 - 101 | 50 | |
| 4-Nitroaniline (p-Nitroaniline) | 1660.00 | | | | 1660.00 | 56 | 63 | 13 | | 26 - 106 | 4 - 101 | 50 | |
| 2-Methylnaphthalene | 1660.00 | 72 | | | 1660.00 | | | | | 38 - 100 | 2 - 119 | 50 | |
| Nitrobenzene | 1660.00 | | | | 1660.00 | 55 | 63 | 14 | | 35 - 93 | 12 - 100 | 50 | |

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Kansas Dept. of Health & Environment/ELW/HW - E-10266
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**Batch:** 22735

**Units:** ug/kg

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrobenzene | 1660.00 | 68 | | | 1660.00 | | | | | 35 - 93 | 12 - 100 | 50 | |
| 2-Methylphenol (o-Cresol) | 1660.00 | 69 | | | 1660.00 | | | | | 34 - 99 | 19 - 94 | 50 | |
| 2-Nitrophenol (o-Nitrophenol) | 1660.00 | | | | 1660.00 | 55 | 68 | 21 | | 35 - 100 | 10 - 104 | 50 | |
| 2-Nitrophenol (o-Nitrophenol) | 1660.00 | 73 | | | 1660.00 | | | | | 35 - 100 | 10 - 104 | 50 | |
| 4-Methylphenol (p-Cresol) | 1660.00 | 74 | | | 1660.00 | | | | | 28 - 105 | 14 - 101 | 50 | |
| 4-Nitrophenol (p-Nitrophenol) | 1660.00 | 79 | | | 1660.00 | | | | | 20 - 120 | 3 - 118 | 50 | |
| 4-Nitrophenol (p-Nitrophenol) | 1660.00 | | | | 1660.00 | 61 | 78 | 25 | | 20 - 120 | 3 - 118 | 50 | |
| Naphthalene | 1660.00 | 70 | | | 1660.00 | | | | | 39 - 88 | 2 - 111 | 50 | |
| N-Nitroso-di-n-propylamine | 1660.00 | 66 | | | 1660.00 | | | | | 34 - 94 | 13 - 100 | 50 | |
| N-Nitroso-di-n-propylamine | 1660.00 | | | | 1660.00 | 56 | 66 | 17 | | 34 - 94 | 13 - 100 | 50 | |
| 2-Nitroaniline (o-Nitroaniline) | 1660.00 | 75 | | | 1660.00 | | | | | 33 - 106 | 3 - 122 | 50 | |
| N-Nitrosodiphenylamine (Diphenylami | 1660.00 | | | | 1660.00 | 68 | 83 | 20 | | 34 - 98 | 1 - 124 | 50 | |
| N-Nitrosodiphenylamine (Diphenylami | 1660.00 | 74 | | | 1660.00 | | | | | 34 - 98 | 1 - 124 | 50 | |
| 3-Nitroaniline (m-Nitroaniline) | 1660.00 | 60 | | | 1660.00 | | | | | 16 - 92 | 1 - 102 | 50 | |
| Pentachlorophenol | 1660.00 | 63 | | | 1660.00 | | | | | 22 - 107 | 1 - 121 | 50 | |
| Pentachlorophenol | 1660.00 | | | | 1660.00 | 55 | 65 | 17 | | 22 - 107 | 1 - 121 | 50 | |
| 4-Nitroaniline (p-Nitroaniline) | 1660.00 | 70 | | | 1660.00 | | | | | 26 - 106 | 4 - 101 | 50 | |
| Phenanthrene | 1660.00 | | | | 1660.00 | 69 | 82 | 17 | | 41 - 94 | 0 - 138 | 50 | |
| Phenanthrene | 1660.00 | 77 | | | 1660.00 | | | | | 41 - 94 | 0 - 138 | 50 | |
| Nitrobenzene | 1660.00 | 66 | | | 1660.00 | | | | | 35 - 93 | 12 - 100 | 50 | |
| Phenol | 1660.00 | 64 | | | 1660.00 | | | | | 36 - 94 | 19 - 94 | 50 | |
| 2-Nitrophenol (o-Nitrophenol) | 1660.00 | 70 | | | 1660.00 | | | | | 35 - 100 | 10 - 104 | 50 | |
| Pyrene | 1660.00 | | | | 1660.00 | 72 | 86 | 17 | | 36 - 103 | 3 - 128 | 50 | |
| 4-Nitrophenol (p-Nitrophenol) | 1660.00 | 76 | | | 1660.00 | | | | | 20 - 120 | 3 - 118 | 50 | |
| 1,2,4-Trichlorobenzene | 1660.00 | 72 | | | 1660.00 | | | | | 35 - 93 | 16 - 93 | 50 | |
| 1,2,4-Trichlorobenzene | 1660.00 | | | | 1660.00 | 54 | 65 | 19 | | 35 - 93 | 16 - 93 | 50 | |
| N-Nitroso-di-n-propylamine | 1660.00 | 64 | | | 1660.00 | | | | | 34 - 94 | 13 - 100 | 50 | |
| 2,4,5-Trichlorophenol | 1660.00 | 73 | | | 1660.00 | | | | | 36 - 98 | 9 - 107 | 50 | |
| 2,4,5-Trichlorophenol | 1660.00 | | | | 1660.00 | 63 | 77 | 20 | | 36 - 98 | 9 - 107 | 50 | |
| N-Nitrosodiphenylamine (Diphenylami | 1660.00 | 84 | | | 1660.00 | | | | | 34 - 98 | 1 - 124 | 50 | |
| 2,4,6-Trichlorophenol | 1660.00 | 70 | | | 1660.00 | | | | | 35 - 100 | 7 - 109 | 50 | |
| 2,4,6-Trichlorophenol | 1660.00 | | | | 1660.00 | 62 | 77 | 21 | | 35 - 100 | 7 - 109 | 50 | |
| Pentachlorophenol | 1660.00 | 67 | | | 1660.00 | | | | | 22 - 107 | 1 - 121 | 50 | |
| Phenanthrene | 1660.00 | 81 | | | 1660.00 | | | | | 41 - 94 | 0 - 138 | 50 | |
| Phenol | 1660.00 | 71 | | | 1660.00 | | | | | 36 - 94 | 19 - 94 | 50 | |
| Pyrene | 1660.00 | 89 | | | 1660.00 | | | | | 36 - 103 | 3 - 128 | 50 | |
| Pyridine | 1660.00 | 34 | | | 1660.00 | | | | | 0 - 83 | 0 - 101 | 50 | |
| 1,2,4-Trichlorobenzene | 1660.00 | 67 | | | 1660.00 | | | | | 35 - 93 | 16 - 93 | 50 | |
| 2,4,5-Trichlorophenol | 1660.00 | 79 | | | 1660.00 | | | | | 36 - 98 | 9 - 107 | 50 | |

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

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New Orleans Laboratory

# Report of Quality Control

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Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

**Units:** ug/kg

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,4,6-Trichlorophenol | 1660.00 | 77 | | | 1660.00 | | | | | 35 - 100 | 7 - 109 | 50 | |

196 compound(s) reported

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Laboratory Certifications:
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# Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

www.pacelabs.com

**Report:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

| Lab ID | Type and Qualifiers | Sur 1 %Rec | Sur 2 %Rec | Sur 3 %Rec | Sur 4 %Rec | Sur 5 %Rec | Sur 6 %Rec | Sur 7 %Rec | Sur 8 %Rec |
|---|---|---|---|---|---|---|---|---|---|
| 20130107 | Sample | 52 | 39 | 51 | 58 | 32 | 45 | | |
| 20130108 | Sample | 49 | 53 | 67 | 49 | 47 | 59 | | |
| 20130108DL | Dilution | 40 | 44 | 50 | 51 | 46 | 33 | | |
| 20130109 | Sample | 65 | 73 | 87 | 67 | 63 | 84 | | |
| 20130110 | Sample | 65 | 52 | 59 | 63 | 51 | 50 | | |
| 20130110DL | Dilution | 61 | 52 | 55 | 60 | 46 | 45 | | |
| 20130112 | Sample | 65 | 75 | 96 | 65 | 58 | 71 | | |
| 20130354 | Sample | 55 | 59 | 61 | 58 | 54 | 72 | | |
| 20130355 | Sample | 38 | 45 | 54 | 41 | 36 | 50 | | |
| 20130356 | Sample | 26 | 32 | 52 | 36 | 31 | 47 | | |
| 20130357 | Sample | 28 | 30 | 55 | 34 | 30 | 45 | | |
| 20130382 | Sample | 54 | 58 | 78 | 58 | 53 | 70 | | |
| 20130513 | Sample | 50 | 57 | 71 | 50 | 50 | 61 | | |
| 20130514 | Sample | 36 | 37 | 69 | 53 | 46 | 62 | | |
| 20130515 | Sample | 40 | 43 | 59 | 45 | 44 | 53 | | |
| 20130516 | Sample | 44 | 51 | 57 | 47 | 45 | 33 | | |
| 20130766 | Sample | 63 | 70 | 75 | 61 | 59 | 68 | | |
| 20130767 | Sample | 49 | 60 | 74 | 51 | 49 | 65 | | |
| 20130768 | Sample | 67 | 75 | 81 | 64 | 62 | 84 | | |
| 20130769 | Sample | 58 | 66 | 84 | 60 | 55 | 78 | | |
| 20130770 | Sample | 44 | 52 | 63 | 46 | 43 | 56 | | |
| 20131220 | Sample | 33 | 43 | 31 | 36 | 31 | 13 | | |
| 22735B1R | Blank | 68 | 76 | 103 | 67 | 65 | 87 | | |
| 22735B1T | Blank | 70 | 79 | 87 | 66 | 64 | 79 | | |
| 22735B2T | Blank | 77 | 89 | 92 | 73 | 70 | 94 | | |
| 22735MS | Spike | 59 | 69 | 72 | 60 | 55 | 77 | | |
| 22735MSD | Spike Dup | 65 | 76 | 82 | 67 | 61 | 86 | | |
| 22735S1 | LCS | 66 | 74 | 83 | 62 | 58 | 87 | | |
| 22735S2 | LCS | 71 | 78 | 75 | 68 | 64 | 85 | | |
| QC limits: | | 13-119 | 21-112 | 18-137 | 17-112 | 14-104 | 1-138 | | |

Sur 1: Nitrobenzene-d5 (S)
Sur 2: 2-Fluorobiphenyl (S)
Sur 3: Terphenyl-d14 (S)
Sur 4: Phenol-d5 (S)
Sur 5: 2-Fluorophenol (S)
Sur 6: 2,4,6-Tribromophenol (S)

* denotes surrogate recovery outside of QC limits.
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

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Laboratory Certifications:
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New Jersey DEPE/Wastewater - 50002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

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1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22735B1R

**Description:** Low Soil Method Blan **Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 22735 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 31-Dec-02 **Analyzed:** 31-Dec-02 11:15 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. |
| 208-96-8 | Acenaphthylene | 1 | ND | | 333. |
| 120-12-7 | Anthracene | 1 | ND | | 333. |
| 108-98-5 | Benzenethiol (Thiophenol) | 1 | ND | | 333. |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 333. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. |
| 65-85-0 | Benzoic acid | 1 | ND | | 833. |
| 191-24-2 | Benzo(g,h,i)perylene | 1 | ND | | 333. |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 333. |
| 100-51-6 | Benzyl alcohol | 1 | ND | | 333. |
| 101-55-3 | 4-Bromophenyl-phenylether | 1 | ND | | 333. |
| 85-68-7 | Butylbenzylphthalate | 1 | ND | | 333. |
| 106-47-8 | 4-Chloroaniline (p-Chloroaniline) | 1 | ND | | 333. |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1 | ND | | 333. |
| 111-44-4 | bis(2-Chloroethyl) ether | 1 | ND | | 333. |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | 1 | ND | | 333. |
| 59-50-7 | 4-Chloro-3-methylphenol (p-Chloro-m | 1 | ND | | 333. |
| 91-58-7 | 2-Chloronaphthalene | 1 | ND | | 333. |
| 95-57-8 | 2-Chlorophenol (o-Chlorophenol) | 1 | ND | | 333. |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1 | ND | | 333. |
| 218-01-9 | Chrysene | 1 | ND | | 333. |
| 226-36-8 | Dibenz(a,h)acridine | 1 | ND | | 333. |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 333. |
| 132-64-9 | Dibenzofuran | 1 | ND | | 333. |
| 84-74-2 | Di-n-butylphthalate | 1 | ND | | 333. |
| 95-50-1 | 1,2-Dichlorobenzene (o-Dichlorobenz | 1 | ND | | 333. |
| 541-73-1 | 1,3-Dichlorobenzene (m-Dichlorobenz | 1 | ND | | 333. |
| 106-46-7 | 1,4-Dichlorobenzene (p-Dichlorobenz | 1 | ND | | 333. |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1 | ND | | 667. |
| 120-83-2 | 2,4-Dichlorophenol | 1 | ND | | 333. |
| 84-66-2 | Diethylphthalate | 1 | ND | | 333. |
| 57-97-6 | 7,12-Dimethylbenz(a)anthracene | 1 | ND | | 333. |
| 105-67-9 | 2,4-Dimethylphenol | 1 | ND | | 333. |
| 131-11-3 | Dimethylphthalate | 1 | ND | | 333. |
| 534-52-1 | 4,6-Dinitro-2-methylphenol (4,6-Din | 1 | ND | | 833. |

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
New Jersey DEPE/Wastewater - 50002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

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# Report of Method Blank

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Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22735B1R

**Description:** Low Soil Method Blan **Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 22735 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 31-Dec-02 **Analyzed:** 31-Dec-02 11:15 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | 1 | ND | | 833. |
| 121-14-2 | 2,4-Dinitrotoluene | 1 | ND | | 333. |
| 606-20-2 | 2,6-Dinitrotoluene | 1 | ND | | 333. |
| 117-84-0 | Di-n-octylphthalate | 1 | ND | | 333. |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1 | ND | | 333. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. |
| 86-73-7 | Fluorene | 1 | ND | | 333. |
| 118-74-1 | Hexachlorobenzene | 1 | ND | | 333. |
| 87-68-3 | Hexachlorobutadiene | 1 | ND | | 333. |
| 77-47-4 | Hexachlorocyclopentadiene | 1 | ND | | 333. |
| 67-72-1 | Hexachloroethane | 1 | ND | | 333. |
| 95-13-6 | Indene | 1 | ND | | 333. |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. |
| 78-59-1 | Isophorone | 1 | ND | | 333. |
| | Methylchrysenes (total) | 1 | ND | A26 | 333. |
| 90-12-0 | 1-Methylnaphthalene | 1 | ND | | 333. |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 333. |
| 95-48-7 | 2-Methylphenol (o-Cresol) | 1 | ND | | 333. |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 1 | ND | A7 | 333. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. |
| 88-74-4 | 2-Nitroaniline (o-Nitroaniline) | 1 | ND | | 833. |
| 99-09-2 | 3-Nitroaniline (m-Nitroaniline) | 1 | ND | | 833. |
| 100-01-6 | 4-Nitroaniline (p-Nitroaniline) | 1 | ND | | 833. |
| 98-95-3 | Nitrobenzene | 1 | ND | | 333. |
| 88-75-5 | 2-Nitrophenol (o-Nitrophenol) | 1 | ND | | 333. |
| 100-02-7 | 4-Nitrophenol (p-Nitrophenol) | 1 | ND | | 833. |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1 | ND | | 333. |
| 86-30-6 | N-Nitrosodiphenylamine (Diphenylami | 1 | ND | A10 | 333. |
| 87-86-5 | Pentachlorophenol | 1 | ND | | 833. |
| 85-01-8 | Phenanthrene | 1 | ND | | 333. |
| 108-95-2 | Phenol | 1 | ND | | 333. |
| 129-00-0 | Pyrene | 1 | ND | | 333. |
| 110-86-1 | Pyridine | 1 | ND | | 333. |
| 91-22-5 | Quinoline | 1 | ND | | 333. |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1 | ND | | 333. |
| 95-95-4 | 2,4,5-Trichlorophenol | 1 | ND | | 833. |

ND denotes Not Detected at or above the reporting limit.
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RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

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Saint Rose, LA 70087

Phone: 504.469.0333
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**Lab ID:** 22735B1R

**Description:** Low Soil Method Blan **Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 22735 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 31-Dec-02 **Analyzed:** 31-Dec-02 11:15 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 88-06-2 | 2,4,6-Trichlorophenol | 1 | ND | | 333. |

73 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

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Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/EL/HHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div ar UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

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Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22735B1T

**Description:** Low Soil Method Blan **Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 22735 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 31-Dec-02 **Analyzed:** 31-Dec-02 10:44 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. |
| 208-96-8 | Acenaphthylene | 1 | ND | | 333. |
| 120-12-7 | Anthracene | 1 | ND | | 333. |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 333. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. |
| 65-85-0 | Benzoic acid | 1 | ND | | 833. |
| 191-24-2 | Benzo(g,h,i)perylene | 1 | ND | | 333. |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 333. |
| 218-01-9 | Chrysene | 1 | ND | | 333. |
| 100-51-6 | Benzyl alcohol | 1 | ND | | 333. |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 333. |
| 101-55-3 | 4-Bromophenyl-phenylether | 1 | ND | | 333. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. |
| 86-73-7 | Fluorene | 1 | ND | | 333. |
| 85-68-7 | Butylbenzylphthalate | 1 | ND | | 333. |
| 106-47-8 | 4-Chloroaniline (p-Chloroaniline) | 1 | ND | | 333. |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1 | ND | | 333. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. |
| 111-44-4 | bis(2-Chloroethyl) ether | 1 | ND | | 333. |
| 85-01-8 | Phenanthrene | 1 | ND | | 333. |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | 1 | ND | | 333. |
| 129-00-0 | Pyrene | 1 | ND | | 333. |
| 59-50-7 | 4-Chloro-3-methylphenol (p-Chloro-m | 1 | ND | | 333. |
| 91-58-7 | 2-Chloronaphthalene | 1 | ND | | 333. |
| 95-57-8 | 2-Chlorophenol (o-Chlorophenol) | 1 | ND | | 333. |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1 | ND | | 333. |
| 132-64-9 | Dibenzofuran | 1 | ND | | 333. |
| 84-74-2 | Di-n-butylphthalate | 1 | ND | | 333. |
| 95-50-1 | 1,2-Dichlorobenzene (o-Dichlorobenz | 1 | ND | | 333. |
| 541-73-1 | 1,3-Dichlorobenzene (m-Dichlorobenz | 1 | ND | | 333. |
| 106-46-7 | 1,4-Dichlorobenzene (p-Dichlorobenz | 1 | ND | | 333. |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1 | ND | | 667. |
| 120-83-2 | 2,4-Dichlorophenol | 1 | ND | | 333. |
| 84-66-2 | Diethylphthalate | 1 | ND | | 333. |

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

Laboratory Certifications:
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Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
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# Report of Method Blank

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Phone: 504.469.0333
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**Lab ID:** 22735B1T

**Description:** Low Soil Method Blan

**Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

**Units:** ug/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 31-Dec-02

**Analyzed:** 31-Dec-02 10:44 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 105-67-9 | 2,4-Dimethylphenol | 1 | ND | | 333. |
| 131-11-3 | Dimethylphthalate | 1 | ND | | 333. |
| 534-52-1 | 4,6-Dinitro-2-methylphenol (4,6-Din | 1 | ND | | 833. |
| 51-28-5 | 2,4-Dinitrophenol | 1 | ND | | 833. |
| 121-14-2 | 2,4-Dinitrotoluene | 1 | ND | | 333. |
| 606-20-2 | 2,6-Dinitrotoluene | 1 | ND | | 333. |
| 117-84-0 | Di-n-octylphthalate | 1 | ND | | 333. |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1 | ND | | 333. |
| 118-74-1 | Hexachlorobenzene | 1 | ND | | 333. |
| 87-68-3 | Hexachlorobutadiene | 1 | ND | | 333. |
| 77-47-4 | Hexachlorocyclopentadiene | 1 | ND | | 333. |
| 67-72-1 | Hexachloroethane | 1 | ND | | 333. |
| 78-59-1 | Isophorone | 1 | ND | | 333. |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 333. |
| 95-48-7 | 2-Methylphenol (o-Cresol) | 1 | ND | | 333. |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 1 | ND | A7 | 333. |
| 88-74-4 | 2-Nitroaniline (o-Nitroaniline) | 1 | ND | | 833. |
| 99-09-2 | 3-Nitroaniline (m-Nitroaniline) | 1 | ND | | 833. |
| 100-01-6 | 4-Nitroaniline (p-Nitroaniline) | 1 | ND | | 833. |
| 98-95-3 | Nitrobenzene | 1 | ND | | 333. |
| 88-75-5 | 2-Nitrophenol (o-Nitrophenol) | 1 | ND | | 333. |
| 100-02-7 | 4-Nitrophenol (p-Nitrophenol) | 1 | ND | | 833. |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1 | ND | | 333. |
| 86-30-6 | N-Nitrosodiphenylamine (Diphenylami | 1 | ND | A10 | 333. |
| 87-86-5 | Pentachlorophenol | 1 | ND | | 833. |
| 108-95-2 | Phenol | 1 | ND | | 333. |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1 | ND | | 333. |
| 95-95-4 | 2,4,5-Trichlorophenol | 1 | ND | | 833. |
| 88-06-2 | 2,4,6-Trichlorophenol | 1 | ND | | 333. |

65 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/10/2003 09:17:34

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 59002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Method Blank

Pace Analytical™
New Orleans Laboratory

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22735B2T

**Description:** Low Soil Method Blan **Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics **Batch:** 22735 **Units:** ug/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 03-Jan-03 **Analyzed:** 03-Jan-03 13:24 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | 1 | ND | | 333. |
| 208-96-8 | Acenaphthylene | 1 | ND | | 333. |
| 120-12-7 | Anthracene | 1 | ND | | 333. |
| 56-55-3 | Benzo(a)anthracene | 1 | ND | | 333. |
| 205-99-2 | Benzo(b)fluoranthene | 1 | ND | | 333. |
| 207-08-9 | Benzo(k)fluoranthene | 1 | ND | | 333. |
| 50-32-8 | Benzo(a)pyrene | 1 | ND | | 330. |
| 65-85-0 | Benzoic acid | 1 | ND | | 833. |
| 218-01-9 | Chrysene | 1 | ND | | 333. |
| 53-70-3 | Dibenz(a,h)anthracene | 1 | ND | | 330. |
| 191-24-2 | Benzo(g,h,i)perylene | 1 | ND | | 333. |
| 206-44-0 | Fluoranthene | 1 | ND | | 333. |
| 100-51-6 | Benzyl alcohol | 1 | ND | | 333. |
| 86-73-7 | Fluorene | 1 | ND | | 333. |
| 101-55-3 | 4-Bromophenyl-phenylether | 1 | ND | | 333. |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | ND | | 333. |
| 91-20-3 | Naphthalene | 1 | ND | | 333. |
| 85-68-7 | Butylbenzylphthalate | 1 | ND | | 333. |
| 106-47-8 | 4-Chloroaniline (p-Chloroaniline) | 1 | ND | | 333. |
| 129-00-0 | Pyrene | 1 | ND | | 333. |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1 | ND | | 333. |
| 111-44-4 | bis(2-Chloroethyl) ether | 1 | ND | | 333. |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | 1 | ND | | 333. |
| 59-50-7 | 4-Chloro-3-methylphenol (p-Chloro-m | 1 | ND | | 333. |
| 91-58-7 | 2-Chloronaphthalene | 1 | ND | | 333. |
| 95-57-8 | 2-Chlorophenol (o-Chlorophenol) | 1 | ND | | 333. |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1 | ND | | 333. |
| 132-64-9 | Dibenzofuran | 1 | ND | | 333. |
| 84-74-2 | Di-n-butylphthalate | 1 | ND | | 333. |
| 95-50-1 | 1,2-Dichlorobenzene (o-Dichlorobenz | 1 | ND | | 333. |
| 541-73-1 | 1,3-Dichlorobenzene (m-Dichlorobenz | 1 | ND | | 333. |
| 106-46-7 | 1,4-Dichlorobenzene (p-Dichlorobenz | 1 | ND | | 333. |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1 | ND | | 667. |
| 120-83-2 | 2,4-Dichlorophenol | 1 | ND | | 333. |
| 84-66-2 | Diethylphthalate | 1 | ND | | 333. |
| 105-67-9 | 2,4-Dimethylphenol | 1 | ND | | 333. |

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/10/2003 09:17:34

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/EL/HHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services
Foreign Soil Import (U.S. Territories)

# Report of Method Blank

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Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22735B2T

**Description:** Low Soil Method Blan

**Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

**Units:** ug/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 03-Jan-03

**Analyzed:** 03-Jan-03 13:24 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 1 | ND | | 333. |
| 534-52-1 | 4,6-Dinitro-2-methylphenol (4,6-Din | 1 | ND | | 833. |
| 51-28-5 | 2,4-Dinitrophenol | 1 | ND | | 833. |
| 121-14-2 | 2,4-Dinitrotoluene | 1 | ND | | 333. |
| 606-20-2 | 2,6-Dinitrotoluene | 1 | ND | | 333. |
| 117-84-0 | Di-n-octylphthalate | 1 | ND | | 333. |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | 1 | ND | | 333. |
| 118-74-1 | Hexachlorobenzene | 1 | ND | | 333. |
| 87-68-3 | Hexachlorobutadiene | 1 | ND | | 333. |
| 77-47-4 | Hexachlorocyclopentadiene | 1 | ND | | 333. |
| 67-72-1 | Hexachloroethane | 1 | ND | | 333. |
| 78-59-1 | Isophorone | 1 | ND | | 333. |
| 91-57-6 | 2-Methylnaphthalene | 1 | ND | | 333. |
| 95-48-7 | 2-Methylphenol (o-Cresol) | 1 | ND | | 333. |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 1 | ND | A7 | 333. |
| 88-74-4 | 2-Nitroaniline (o-Nitroaniline) | 1 | ND | | 833. |
| 99-09-2 | 3-Nitroaniline (m-Nitroaniline) | 1 | ND | | 833. |
| 100-01-6 | 4-Nitroaniline (p-Nitroaniline) | 1 | ND | | 833. |
| 98-95-3 | Nitrobenzene | 1 | ND | | 333. |
| 88-75-5 | 2-Nitrophenol (o-Nitrophenol) | 1 | ND | | 333. |
| 100-02-7 | 4-Nitrophenol (p-Nitrophenol) | 1 | ND | | 833. |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1 | ND | | 333. |
| 86-30-6 | N-Nitrosodiphenylamine (Diphenylami | 1 | ND | A10 | 333. |
| 87-86-5 | Pentachlorophenol | 1 | ND | | 833. |
| 85-01-8 | Phenanthrene | 1 | ND | | 333. |
| 108-95-2 | Phenol | 1 | ND | | 333. |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1 | ND | | 333. |
| 95-95-4 | 2,4,5-Trichlorophenol | 1 | ND | | 833. |
| 88-06-2 | 2,4,6-Trichlorophenol | 1 | ND | | 333. |

65 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/10/2003 09:17:34

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

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New Orleans Laboratory

# Report of Method Blank

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1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22735B2T

**Description:** Low Soil Method Blan

**Project No.:** 2016222

**Method:** Low Soil GC/MS Semivolatile Organics

**Batch:** 22735

**Units:** ug/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 03-Jan-03

**Analyzed:** 03-Jan-03 13:24 AKE

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/10/2003 09:17:34

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELWHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

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# Report of Quality Control

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Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Project No.:** 2016222

**Method:** Low Soil GC Organics

**Batch:** 22622

**Units:** mg/kg

| Parameter Name | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | Max RPD | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH - Diesel Range Organics | 10.00 | 86 | | | 10.00 | | | | | 56 - 138 | 0 - 178 | 50 | |

1 compound(s) reported

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

1/10/2003 09:17:35

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div or UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

# Report of Batch Surrogate Recovery

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New Orleans Laboratory

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Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Report:** 2016222

**Method:** Low Soil GC Organics

**Batch:** 22622

| Lab ID | Type and Qualifiers | Sur 1 %Rec | Sur 2 %Rec | Sur 3 %Rec | Sur 4 %Rec | Sur 5 %Rec | Sur 6 %Rec | Sur 7 %Rec | Sur 8 %Rec |
|---|---|---|---|---|---|---|---|---|---|
| 20130177 | Sample | 61 | | | | | | | |
| 20130178 | Sample | 81 | | | | | | | |
| 20130179 | Sample | 73 | | | | | | | |
| 20130180 | Sample | 66 | | | | | | | |
| 20130181 | Sample | 79 | | | | | | | |
| 20130354 | Sample | 66 | | | | | | | |
| 20130355 | Sample | 84 | | | | | | | |
| 20130356 | Sample | 69 | | | | | | | |
| 20130357 | Sample | 87 | | | | | | | |
| 20130382 | Sample | 70 | | | | | | | |
| 20130418 | Sample | 79 | | | | | | | |
| 20130419 | Sample | 46 | | | | | | | |
| 20130420 | Sample | 79 | | | | | | | |
| 20130421 | Sample | 84 | | | | | | | |
| 20130766 | Sample | 84 | | | | | | | |
| 20130767 | Sample | 76 | | | | | | | |
| 20130768 | Sample | 107 | | | | | | | |
| 20130769 | Sample | 67 | | | | | | | |
| 20130770 | Sample | 106 | | | | | | | |
| 22622B1 | Blank | 81 | | | | | | | |
| 22622MS | Spike | 112 | | | | | | | |
| 22622MSD | Spike Dup | 76 | | | | | | | |
| 22622S1 | LCS | 79 | | | | | | | |
| QC limits: | | 22-165 | | | | | | | |

Sur 1: n-Pentacosane (S)

* denotes surrogate recovery outside of QC limits.
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

1/10/2003 09:17:37

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water LA000006
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/EL/HHW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div ar UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Method Blank

www.pacelabs.com

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22622B1

**Description:** Low Soil Method Blan

**Project No.:** 2016222

**Method:** Low Soil GC Organics

**Batch:** 22622

**Units:** mg/kg

**Prep Factor:** 1

**Leached:**

**Prepared:** 24-Dec-02

**Analyzed:** 30-Dec-02 20:45 NCM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|
| | TPH - Diesel Range Organics | 1 | ND | | 10.0 |
| | TPH - Oil Range Organics | 1 | ND | | 50.0 |

2 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
On line qualifiers. Specific qualifiers are defined at the end of the report.

1/10/2003 09:17:38

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA00009
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELWHW - E-10266
New Jersey DEPE/Wastewater - 50002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report of Method Blank

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Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Lab ID:** 22622B1

**Description:** Low Soil Method Blan **Project No.:** 2016222

**Method:** Low Soil GC Organics **Batch:** 22622 **Units:** mg/kg

**Prep Factor:** 1 **Leached:** **Prepared:** 24-Dec-02 **Analyzed:** 30-Dec-02 20:45 NCM

| CAS Number | Parameter | Dilution | Result | Qu | Reporting Limit |
|---|---|---|---|---|---|

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

1/10/2003 09:17:38

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP/Drinking Water -LA000006
Florida Dept. of Health/Hazardous Waste - E8/595
Kansas Dept. of Health & Environment/ELW/HW - E-10264
New Jersey DEPE/Wastewater - 59002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services -
Foreign Soil Import (U.S. Territories)

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# Report of Quality Control

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Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Project No.:** 2016222

| Parameter | Batch | Blank | ARL | Units | LCS Spike | LCS %Rec | LCSD %Rec | LCS RPD | MS Spike | MS %Rec | MSD %Rec | (1)MS RPD | DUP RPD | QC Limits LCS | QC Limits MS/MSD | RPD Max | Qu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 22491 | ND | 0.100 | mg/kg | 0.50 | 103 | | | 0.31 | 121 | 121 | 35 * | | 54 - 146 | 75 - 125 | 20 | |
| Arsenic | 22648 | ND | 1.00 | mg/kg | 132.00 | | | | 169.60 | 90 | 93 | 9 | | 74 - 126 | 42 - 137 | 20 | |
| Aluminum | 22648 | ND | 20.0 | mg/kg | 9350.00 | 86 | | | 172.50 | 1115 * | 1553 * | 5 | | 59 - 141 | 75 - 125 | 20 | Q3 |
| Arsenic | 22648 | ND | 1.00 | mg/kg | 132.00 | 103 | | | 172.50 | 88 | 93 | 14 | | 74 - 126 | 42 - 137 | 20 | |
| Antimony | 22648 | ND | 6.00 | mg/kg | 30.30 | 91 | | | 172.50 | 48 | 49 | 12 | | 10 - 261 | 10 - 145 | 20 | |
| Barium | 22648 | ND | 20.0 | mg/kg | 781.00 | 97 | | | 172.50 | 94 | 102 | 10 | | 77 - 123 | 28 - 155 | 20 | |
| Barium | 22648 | ND | 20.0 | mg/kg | 781.00 | | | | 169.60 | 99 | 103 | 6 | | 77 - 123 | 28 - 155 | 20 | |
| Cadmium | 22648 | ND | 0.500 | mg/kg | 51.50 | 85 | | | 172.50 | 92 | 96 | 13 | | 77 - 123 | 34 - 127 | 20 | |
| Cadmium | 22648 | ND | 0.500 | mg/kg | 51.50 | | | | 169.60 | 94 | 98 | 9 | | 77 - 123 | 34 - 127 | 20 | |
| Chromium | 22648 | ND | 1.00 | mg/kg | 142.00 | 94 | | | 172.50 | 95 | 98 | 10 | | 80 - 120 | 26 - 155 | 20 | |
| Chromium | 22648 | ND | 1.00 | mg/kg | 142.00 | | | | 169.60 | 94 | 100 | 9 | | 80 - 120 | 26 - 155 | 20 | |
| Lead | 22648 | ND | 0.300 | mg/kg | 52.90 | | | | 169.60 | 89 | 92 | 8 | | 75 - 125 | 16 - 163 | 20 | |
| Beryllium | 22648 | ND | 0.500 | mg/kg | 90.10 | 99 | | | 172.50 | 95 | 100 | 14 | | 78 - 122 | 42 - 138 | 20 | |
| Lead | 22648 | 0.500 | 0.300 | mg/kg | 52.90 | 92 | | | 172.50 | 89 | 93 | 13 | | 75 - 125 | 16 - 163 | 20 | |
| Selenium | 22648 | ND | 1.00 | mg/kg | 60.90 | | | | 169.60 | 85 | 89 | 9 | | 71 - 129 | 36 - 130 | 20 | |
| Selenium | 22648 | ND | 1.00 | mg/kg | 60.90 | 97 | | | 172.50 | 84 | 87 | 12 | | 71 - 129 | 36 - 130 | 20 | |
| Calcium | 22648 | ND | 500. | mg/kg | 11400.00 | 97 | | | | | | | | 75 - 125 | - | 20 | |
| Silver | 22648 | ND | 1.00 | mg/kg | 125.00 | 99 | | | 86.20 | 90 | 92 | 12 | | 52 - 148 | 0 - 152 | 20 | |
| Silver | 22648 | ND | 1.00 | mg/kg | 125.00 | | | | 84.80 | 88 | 93 | 10 | | 52 - 148 | 0 - 152 | 20 | |
| Cobalt | 22648 | ND | 5.00 | mg/kg | 49.40 | 89 | | | 172.50 | 86 | 89 | 11 | | 80 - 120 | 38 - 143 | 20 | |
| Copper | 22648 | ND | 2.50 | mg/kg | 152.00 | 88 | | | 172.50 | 99 | 104 | 10 | | 82 - 118 | 15 - 181 | 20 | |
| Iron | 22648 | ND | 10.0 | mg/kg | 14400.00 | 102 | | | | 0 | 0 | 0 | | 61 - 140 | - | 20 | |
| Magnesium | 22648 | ND | 500. | mg/kg | 3090.00 | 99 | | | | | | | | 77 - 123 | - | 20 | |
| Manganese | 22648 | ND | 1.50 | mg/kg | 468.00 | 101 | | | 172.50 | 0 | 73 | 200 * | | 77 - 122 | 0 - 200 | 20 | |
| Nickel | 22648 | ND | 4.00 | mg/kg | 55.40 | 87 | | | 172.50 | 90 | 93 | 11 | | 78 - 122 | 38 - 147 | 20 | |
| Potassium | 22648 | ND | 500. | mg/kg | 3390.00 | 102 | | | | | | | | 78 - 122 | - | 20 | |
| Sodium | 22648 | ND | 500. | mg/kg | 858.00 | 83 | | | | | | | | 68 - 133 | - | 20 | |
| Thallium | 22648 | 2.00 | 1.00 | mg/kg | 108.00 | 99 | | | 172.50 | 81 | 85 | 13 | | 57 - 143 | 40 - 132 | 20 | |
| Vanadium | 22648 | ND | 5.00 | mg/kg | 38.70 | 115 | | | 172.50 | 92 | 98 | 9 | | 49 - 150 | 45 - 141 | 20 | |
| Zinc | 22648 | ND | 2.00 | mg/kg | 587.00 | 84 | | | 172.50 | 85 | 88 | 9 | | 73 - 127 | 3 - 182 | 20 | |

#Error
ARL denotes Adjusted Reporting Limit, corrected for sample size, dilution and moisture content as applicable.
* denotes recovery outside of QC limits.
(1) MS RPD is calculated via SW-846 rules on the basis of spiked sample concentrations rather than spike recoveries.

Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water -LA00WQC
Florida Dept. of Health/Hazardous Waste - E87595
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 58002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical™
New Orleans Laboratory

# Report Qualifiers

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Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555

**Project No.: 2016222**

## Analyte Qualifiers

| Qualifier | Qualifier Description |
|---|---|
| A7 | 3-Methylphenol and 4-methylphenol coelute under the conditions used for analysis, therefore the precise isomer in the sample cannot be determined. The sample concentration is arbitrarily reported as 4-methylphenol. |
| A10 | N-Nitrosodiphenylamine is reported as diphenylamine. |
| A26 | The concentration reported was based on the total area of mass 242 over the expected retention time window and the response factor of 6-methylchrysene. Coduting Methyl-PNAs may bias result. |

## QC Qualifiers

| Qualifier | Qualifier Description |
|---|---|
| Q3 | The matrix spike recoveries are poor due to the presence of this analyte in the sample at a concentration greater than 4 times the spiked amount. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample. |



Laboratory Certifications:
Louisiana Dept. of Health and Hospitals (ELAP)/Drinking Water - LA[illegible]
Florida Dept. of Health/Hazardous Waste - E87395
Kansas Dept. of Health & Environment/ELW/HW - E-10266
New Jersey DEPE/Wastewater - 59002
Tennessee Dept. of Environment & Conservation/Div of UST (File)
U.S. Dept. of Agriculture Animal & Plant Health Inspection Services - Foreign Soil Import (U.S. Territories)

Pace Analytical

# CHAIN-OF-CUSTODY / Analytical Request Document

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

547576

Page: 1 of 1

**Section A** — Required Client Information:

Company: Jacobsen Specialty Serv. Inc.
Address: 23 LAST PO Box 947
Westwego LA.
70094
Phone: 504 341-7217
Fax: 504 340-6699

**Section B** — Required Client Information:

Report To: George Jacobsen
Invoice To: SAME
P.O.: 12475
Project Name: N.O. Sewage + WB.
Project Number: —

Client Information (Check quote/contract):
Requested Due Date: 1-3-03
*TAT:

* Turn around times less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

**Section C** — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager:
Project #:
Profile #:
Requested Analysis:

**Section D** — Required Client Information:

SAMPLE ID
One character per box.
(A–Z, 0–9 / .–)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

| MATRIX | CODE |
|---|---|
| WATER | WT |
| SOIL | SL |
| OIL | OL |
| WIPE | WP |
| AIR | AR |
| TISSUE | TS |
| OTHER | OT |

| # | SAMPLE ID | MATRIX CODE | DATE COLLECTED (mm / dd / yy) | TIME COLLECTED (hh:mm a/p) | # Containers | Unpreserved | $H_2SO_4$ | $HNO_3$ | HCl | NaOH | $Na_2S_2O_3$ | TPH-ORO | Metals | PAHs | Remarks / Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BACKFILL 1 | SL | 12-20-02 | 12:25p | 1 | ✓ | | | | | | ✓ | ✓ | ✓ | |
| 2 | BACKFILL 2 | SL | 12-20-02 | 12:30p | 1 | ✓ | | | | | | ✓ | ✓ | ✓ | |
| 3 | BACKFILL 3 | SL | 12-20-02 | 12:40p | 1 | ✓ | | | | | | ✓ | ✓ | ✓ | |
| 4 | TANK WEST | SL | 12-20-02 | 1:00p | 1 | ✓ | | | | | | ✓ | ✓ | ✓ | |
| 5 | TANK EAST | SL | 12-20-02 | 1:12p | 1 | ✓ | | | | | | ✓ | ✓ | ✓ | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |

| Sample Condition | | Sample Notes | Item No. | Relinquished By / Company | Date | Time | Accepted By / Company | Date | Time |
|---|---|---|---|---|---|---|---|---|---|
| Temp in °C: | 1.8 | | | George Jacobsen | 12-20-02 | 16:00 | Annie Walsh / Pace | 12/20/02 | 16:00 |
| Received on ICE: | (Y) / N | | | | | | | | |
| Sealed Cooler: | (Y) / N | | | | | | | | |
| Samples Intact: | (Y) / N | | | | | | | | |

Additional Comments:

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: George Jacobsen
SIGNATURE of SAMPLER:
DATE Signed: (MM / DD / YY) 12-20-02

ORIGINAL

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc. Form COC01 02/00

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: 68979 INSPECTION DATE: 2/18/02 TIME OF ARRIVAL: 9:00
ALTERNATE ID#: 36 - 012802 (ID Type/Number) DEPARTURE DATE: 2/18/02 TIME OF DEPARTURE: 11:30
FACILITY NAME: Sewerage & Water Board of New Orleans PH #: (504) 942 3916
LOCATION: 2901 Eads New Orleans LA 70122
PARISH NAME: Orleans
RECEIVING STREAM (BASIN/SUBSEGMENT):
MAILING ADDRESS: (Street/P.O. Box) (City) (State) (ZIP)
FACILITY REPRESENTATIVE: Hager Simpson TITLE: Materials + Storage Supervisor
FACILITY REPRESENTATIVE PHONE NUMBER:
NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):
S + W Bd of NO 625 St Joseph St Room #331 NOLA 70165

INSPECTION TYPE: UST CEI PROGRAM INVOLVED: AIR WASTE WATER OTHER

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

A UST inspection was performed to determine the degree of compliance regarding the 1998 Upgrade regulations for USTs. According to the LDEQ database, the single UST is a 1000 gallons fiberglass material tank. The oil is ~~drained~~ electronically pumped to the tank via pipeline. An operator will pour the used oil through a funnel to the inside of the pipeline. Therefore, no ~~spill or~~ overfill is necessary at the fill port (fill port not utilized for disposing the oil). Spill bucket is necessary at the fill port for when vacuum trucks pump out the oil. Other areas of concern noted: ① LDEQ database shows galvanized piping. The exposed (above ground pipes are galvanized). Inspector was unable to determine whether the underground pipes are of the same type of material. Facility needs to verify makeup.

| REGULATION | EXPLANATION | REFERRED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: x Hager Simpson
PRINT NAME: Hager Simpson
(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S NOTES)

INSPECTOR(S): CAROL PETRANEK
HEATHER SALYER
CROSS REFERENCE:
ATTACHMENTS:
REVIEWER: David Oz

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
ADDITIONAL OBSERVATIONS (cont'd)

AGENCY INTEREST#: 68979 ALTERNATE ID#: 36-012802 INSPECTION DATE: 2/18/02

FACILITY NAME: Sewerage & Water Board of N.O.

INSPECTOR OBSERVATIONS CONT'd:

② Facility is not utilizing inventory methods. They are unaware as to how much oil is within the tank on a daily based.

* The facility does have an overfill alarm that will go off when the UST is 1/2 full.

③ The facility is not conducting Tank Tightness Testing. Inspector was unable to determine whether line tightness testing could be conducted due to the technical setup of the aboveground pipelines. This needs to be addressed by the facility &/or private consultants

Inspector recommended that these areas of concerns be addressed within a reasonable timeframe.

INITIALS OF RECEIPT CP

REVISED: 05/01/2000

# State of Louisiana

## Department of Environmental Quality

M.J. "MIKE" FOSTER, JR.
GOVERNOR

J. DALE GIVENS
SECRETARY

**Southeast Regional Office**
**Air Quality Compliance Inspection Report**

Inspection Date: May 10, 2002 Incident No.: NA

AI No.: 5001 Alt. ID/Permit No: CDS 2140-00128

Company Name: S & W B – Main Water Purification Plant

Physical Location: 8800 S. Claiborne Ave

New Orleans (City) LA (State) Parish: Orleans

Mailing Address: Same as above (Address) (City) (State) (Zip)

Facility Representative/Title: Mark Holcomb / Assistant Superintendent

Facility Representative Telephone No.: 504-865-0550

LDEQ Lead Inspector: Daniel J. Odem

Other Inspectors: NA

Report By: Daniel J. Odem, Environmental Scientist 5/13/02 (Date)

Reviewed By: Don J. Brandin, Environmental Scientist Supervisor 5/20/02 (Date)

AI No.: 5001
Alt. ID No.: CDS 2140-00128

AI Name: S&WB – Main Water Purification Plant
Date of Inspection: May 10, 2002

## INTRODUCTION

On May 10, 2002, I conducted an air quality Compliance Evaluation Inspection at the Sewerage and Water Board of New Orleans – Main Water Purification Plant located in New Orleans, Louisiana. Mr. Mark Holcomb, Assistant Superintendent, assisted during the inspection.

## FACILITY DESCRIPTION

The Sewerage and Water Board of New Orleans Main Water Purification facility has two major functions. The first is to provide potable water to the city of New Orleans. This is done by taking water from the Mississippi River and passing it through a series of steps to remove impurities. No air emissions are directly created in this process. The second major function of the plant is to provide power to the system that moves water, both potable and storm water. Six boilers generate steam that in turn drives 2 pumps for supplying potable water to the city. Steam also drives 3 generators that provide electricity to operate pumps in the storm water drainage system. Additionally, a natural gas fired turbine engine driving a 20,500 KW generator is on standby in case a heavy rainfall creates a sudden electrical demand on the storm water drain system. Natural gas is provided from city services that do not have sufficient pressure on the system to properly fuel the turbine. Therefore, a compressor driven by a 1140 HP engine boosts the fuel pressure to the range required by the turbine.

A variety of other support activities take place at the facility. These include administration, material storage, maintenance, and other activities needed to maintain this vital system. Other sources of air emissions include a diesel storage tank and a back-up generator that is diesel fired.

## FACILITY HISTORY

This facility is an A-1 SIP source. The facility currently operates under air permit No. 2140-00089-01 issued on April 12, 1984. An application for a Title V permit was submitted in October 1996. The application is still under review by the Permits Section. There are no specific conditions listed in the permit.

## AREAS EVALUATED

A file/permit review was conducted. There are no specific conditions listed in the current air permit. The Air Permits Section gave no date as to when a new permit would be issued.

A facility tour was conducted in which each emission point was inspected. See Attachment 3 for the emission point review sheet.

## SUMMARY OF OBSERVATIONS

No areas of concern were noted as a result of this inspection.

# LIST OF ATTACHMENTS

| | |
|---|---|
| **ATTACHMENT 1** | **Field Interview Form** |
| **ATTACHMENT 2** | **Tempo Report** |
| **ATTACHMENT 3** | **Emission Point Review** |

# ATTACHMENT 1

## Field Interview Form
## (1 Page)

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

AGENCY INTEREST#: _____ INSPECTION DATE: 5/10/02 TIME OF ARRIVAL: 9:00 am

ALTERNATE ID#: CDS 2140-00128 (ID Type/Number) DEPARTURE DATE: 5/10/02 TIME OF DEPARTURE: 1:PM

FACILITY NAME: Sewerage + Water Board PH #: 504 865-0550

LOCATION: 8800 S. Claiborne, New Orleans, LA 70118

PARISH NAME: Orleans

RECEIVING STREAM (BASIN/SUBSEGMENT): NA

MAILING ADDRESS: Same (Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: Mark Holcomb TITLE: Assistant Superintendent

FACILITY REPRESENTATIVE PHONE NUMBER: (504) 865-0550

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: CEI PROGRAM INVOLVED: (AIR) WASTE WATER OTHER _____

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

The facility's current air permit was issued in 1984; there are no specific conditions. Title V permit application was submitted in 1996, new permit has not been issued. A facility tour was conducted in which each emission source was inspected. No areas of concern were noted. NOTE: I will contact Permits section to determine status of Permit application

| REGULATION | EXPLANATION | REFERRED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: [signature]

PRINT NAME: MARK HOLCOMB

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S NOTES)

INSPECTOR(S): Daniel J Alden CROSS REFERENCE: _____

ATTACHMENTS: _____

REVIEWER: [signature]

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

# ATTACHMENT 2

## Tempo Report
## (1 Page)

# Compliance Evaluation Report

Activity: INS20020001 Compliance Evaluation Inspections (CEI)

Start Date: 5/10/2002

Lead Investigator: Odem, Daniel

**5001 Sewerage & Water Board of New Orleans Ca, New Orleans (49 Electric, Gas, An)**

**AI 5001**

**Comments:** Facility submitted application for a Title V permit in 1996, to date noTitle V pemit has been issued.
Facility is operating under permit issued in 1984.
No areas of concern noted at time of inspection.

| Requirement | Status | Results or Comments |
|---|---|---|
| Operate the source in accordance with all terms and conditions of this permit. [LAC 33:III.501.C.4] | C | |

C - Compliant
E - Not evaluated
P - Potential Violation
R - Corrected
N - Non-Compliant (subject to enforcement action)
V - Correction verified -- violation corrected
S - Self-Disclosed Violation
Z - Referred to Enforcement

# ATTACHMENT 3

## Emission Point Review
## (1 Page)

EMISSION POINT REVIEW
AT TIME OF INSPECTION

| I. D. Number | Type Point Source[1] | Abatement Equipment | Comments[2] |
|---|---|---|---|
| 1-76 | Boilers 4, 5, & 6 | None | Natural gas fired; 200 MM BTU/hr (combined heat input); Only one from this bank was operating at the time of the inspection. No emissions were visible. |
| 2-76 | Boilers 1, 2, & 3 | None | Natural gas fired; 200 MM BTU/hr (combined heat input); Only one from this bank was operating at the time of the inspection. No emissions were visible. |
| 3-76 | Gas Turbine | None | Natural gas fired; This unit was on stand by at the time of the inspection. |
| 4-76 | Diesel Generator | None | Diesel fired; This unit was on stand by at the time of the inspection. |
| 5-76 | Storage Tank, Diesel | None | Fixed roof; 1 MM gal; No emissions were detected at the time of the inspection. |
| 6-76 | Storage Tank, Diesel | None | Fixed roof; 1 MM gal; No emissions were detected at the time of the inspection. This tank is no longer used and will probably be removed from the site in the near future. |
| 1-84 | Compressor Engine | None | Natural gas fired; 1,140 HP Waukesha; This unit was on standby at the time of the inspection |

1 - Boiler, Incinerator, dirt road, etc.
2 - Include operating parameter of source and abatement equipment.
Attach VE sheet if Method 9 performed

E-RIGHT

EPA

United States Environmental Protection Agency
Washington, D. C. 20460

# NPDES Compliance Inspection Report

Form Approved
OMB No 2040-0003
Approval Expires 7-31-85

**Section A: National Data System Coding**

| Transaction Code | NPDES | yr/mo/day | Inspection Type | Inspector | Fac Type |
|---|---|---|---|---|---|
| N | NA | 000530 | J | S | Z |

Remarks: MINOR LA0036541

| Reserved | Facility Evaluation Rating | BI | QA | Reserved |
|---|---|---|---|---|
| | 3 | N | N | |

**Section B: Facility Data**

| Name and Location of Facility Inspected | Entry Time | Permit Effective Date |
|---|---|---|
| NOSWB/Drainage Station #4 5700 Warrington Dr. NOLA | 1400 AM ☒ PM | NA |
| | Exit Time/Date: 1530 3/30/00 | Permit Expiration Date: NA |

| Name(s) of On-Site Representative(s) | Title(s) | Phone No(s) |
|---|---|---|
| Ricky Rey | Plant pump operator | (504) 585 2000 |

| Name, Address of Responsible Official | Title | Contacted |
|---|---|---|
| Ronald Springer 2800 Peoples Ave, NOLA 70122 | Drainage Supervisor | ☒ Yes ☐ No |
| | Phone No. (504) 585-2000 | |

**Section C: Areas Evaluated During Inspection**

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

| | | | |
|---|---|---|---|
| N Permit | N Flow Measurement | N Pretreatment | N Operations & Maintenance |
| N Records/Reports | N Laboratory | N Compliance Schedules | N Sludge Disposal |
| N Facility Site Review | N Effluent/Receiving Waters | N Self-Monitoring Program | N Other |

**Section D: Summary of Findings/Comments** *(Attach additional sheets if necessary)*

Receiving Stream - Lake Pontchartrain 0413

An inspection of this facility was conducted in reference to a complaint of leaking oil drums. There are ~~several~~ several 55gal drums of lubrication oil for the pumps stored at the site. Oil stained earth and concrete was observed from the storage area to the street catch basin. Mr Springer stated area would be cleaned.

| Name(s) and Signature(s) of Inspector(s) | Agency/Office/Telephone | Date |
|---|---|---|
| Frank Wojkowski | LADEQ/OWR 471-2800 | 3/30/00 |
| Frank Wojkowski | | |

| Signature of Reviewer | Agency/Office | Date |
|---|---|---|
| David Oge / DAVID OGE | LDEQ/SERO/ 504-471-2800 | 5/1/00 |

**Regulatory Office Use Only**

| Action Taken | Date | Compliance Status |
|---|---|---|
| 65650 071 1021 | | ☐ Noncompliance ☐ Compliance |

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete.

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

FACILITY ID#: 84622 INSPECTION DATE: 3/30/00 TIME OF ARRIVAL: 1400

ALTERNATE ID#: _____ (ID Type/Number) DEPARTURE DATE: 3/30/00 TIME OF DEPARTURE: 1530

FACILITY NAME: New Orleans Sewerage + Water Board / Drainage Station #4 PH #

LOCATION: 5700 Warrington Drive, New Orleans, LA

London Canal → Lake Pontchartrain PARISH NAME: Orleans

RECEIVING STREAM (BASIN/SUBSEGMENT): 0413

MAILING ADDRESS: 2800 Peoples Ave, NO LA 70122
(Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: Ricky Rey TITLE: Pump plant operator

FACILITY REPRESENTATIVE PHONE NUMBER: (504) 585 2000

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above):
Ronald Springer, Drainage + Sewer Supervisor

INSPECTION TYPE: Complaint PROGRAM INVOLVED: AIR WASTE (WATER) OTHER

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENATIVES)

An inspection of this drainage pumping station was made in reference to a complaint of oil being spilled at this facility. There are new and used oil 55-gal drums stored at this facility. Oil is leaking from the drum storage area; there is oil stained concrete from the drum storage area to the street. Mr Springer stated the problem would be rectified. Please forward used oil disposal invoice to LADEQ.

| REGULATION | EXPLANATION | REFERRED? |
|---|---|---|
| 331X 708-709.C.4 | Oil Spills shall be cleaned up using dry methods | YES (NO) |
| | Spill was cleaned + some drums were removed (FW) 4/28/00 | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Ricky Rey

PRINT NAME: Ricky Rey

(NOTE: SIGNATURE DOES NOT INDICATE AGREEMENT WITH INSPECTOR'S NOTES)

INSPECTOR(S): Frank Wojkowski CROSS REFERENCE: NA

Frank Wojkowski ATTACHMENTS:

REVIEWER: [signature]

NOTE: The information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

REVISED: 12/08/99

Revised 11-11-99

# INCIDENT REPORT FORM

Log No.: C 00 0857 Received by: Daniel Lambert

Date Reported: 3/27/00 Time Reported: 0815 hours

Spill Incident/Release: ☐ Citizen Complaint: ☒ Emergency?: Drill?:

Incident # 31882

**CALLER INFORMATION:**

Citizen: ☒ Industry: ☐ Anonymous: ☒

Other (I.E Coast Guard):

Name / Company Name: Anonymous Title:

Address:

Is caller requesting a follow-up telephone call? Yes ☐ No ☐ Date of Contact:

Telephone No.: Parish (of occurrence):

**SITE INFORMATION:**

Company Name / Alleged Violator: NOS+WB/Drainage Station #4 Facility ID #: CFIS Other:

Location/Address: 5700 Warrington Drive, NOLA

Date of discharge if different from date reported:

Time discharge noticed. Began: NA Ended: NA

Media affected: Air: ☐ Land: ☐ Surface Water: ☒ Ground Water: ☐ Other:

If water affected, name nearest water body (Basin/Subsegment): Lake Pontchartrain 0413

If air affected, note wind direction and weather conditions (if provided):

**DESCRIPTION OF RELEASE / SPILL:**

Product / material released and quantity (reported):

Product / material released and quantity (actual):

Description of release / complaint: Lubrication oil leaking from 55gal drums

How was spill contained?

Offsite impact?

How was spill cleaned/ remediated? Absorbants

**DIRECTIONS FOR REACHING THE SITE:** 5700 Warrington Drive, NOLA

Investigator's Comments: New lube oil spilled at drum storage area and ran off with rainfall into street catch basin. Oil spilled was less than one gallon. Facility used absorbants to pick up spilled oil.

Region assigned: SELO Summary Report: Yes ☒ No ☐

Investigator assigned: Frank Wojkowski Date: 3/27/00 Time: 10:52

Investigator's Signature: Frank Wojkowski Reviewer's Initials & date: 5/1/00

Date closed: 4/28/00 Closed by: Site visit: ☒ Telephone: ☒ Other: ☐

Referred to: NA Date: Time:

This is acknowledgement of receipt and processing of your Louisiana Notification of Hazardous Waste Activity Form (HW-1). The following information has been entered into the Resource Conservation and Recovery Act Information (RCRAInfo) and Louisiana Department of Environmental Quality (LDEQ) TEMPO data systems and represents the information provided on your most recent HW-1 form signed and dated **01/03/2008**.

EPA ID NO. **LAR000060939** DEQ AGENCY INTEREST NO. **32517**

LOCATION NAME **ST CHARLES DRAINAGE PUMP STA**
LOCATION ADDRESS **7200 WALES ST**
**NEW ORLEANS, LA** **70118-**
PARISH NAME **ORLEANS**
MAILING ADDRESS **8800 S CLAIBORNE AVE**
**NEW ORLEANS, LA** **70118-**
CONTACT NAME **GERTRUDE C. BROWN**

Data Updated on 01/09/2008 7:06:03 AM
Date of Last Change 01/08/2008 8:59:59 AM
Last Change by MLH
Print Date 01/09/2008 7:08:33 AM
Record Source N
Record Sequence No 2

**YOUR SITE ACTIVITY STATUS AND EXPLANATION APPEAR BELOW**

| HAZARDOUS/OTHER WASTE ACTIVITY | YOUR SITE ACTIVITY STATUS | STATUS EXPLANATION |
|---|---|---|
| GENERATOR STATUS | 2 | 1 = Large Quantity Generator<br>2 = Small Quantity Generator<br>3 = Conditionally Exempt Small Quantity Generator<br>N = Former Generator verified as Inactive or Not a Generator |
| STATE ACTIVITY STATUS | 6 | 4 = Laboratory or Testing Facilities for Treatability Studies<br>**5 = Temporary Generator or other waste activity ***<br>6 = No longer generating, still in business.<br>7 = No longer generating, out of business.<br>**8/E = Never generated/Emergency Response Activities***<br>N = No separately defined State Activity Status<br>V = Cruise Ships<br>W = Water Transporter |
| PERMITTED TSD | N | Y = Permitted to treat, store or dispose Hazardous Waste<br>N = No TSD Activity |
| HW ACTIVITY, USED OIL, OTHER DELISTING REQUEST | E / / / | E/ET/EGT/EO = Notice of No HW Gen/Trnsp/Gen+Trnsp/Used Oil or other Activity Request Recd |
| HW TRANSPORTER | N | Y = Active Transporter of Hazardous Waste<br>N = No Hazardous Waste Transportation Activity |
| HAZARDOUS WASTE TRANSFER FACILITY | / | TFSH1/TFSH2 = Hazardous Waste Transfer Facility Status 'Requested'/'Granted' |
| UNIVERSAL WASTE DESTINATION FACILITY | N | Y = Activity; N = No Activity |
| UNIVERSAL WASTE ACCUMULATOR/GENERATOR | / | Y = Accumulator/Generator |
| USED OIL TRANSFER FACILITY | N | Y = Used Oil Activity<br>N = No Used Oil Activity |
| USED OIL TRANSPORTER | N | |
| USED OIL BURNER | N | |
| USED OIL PROCESSOR | N | |
| USED OIL REFINER | N | |
| USED OIL MARKET BURNER | N | |
| USED OIL SPEC MARKETER | N | |
| USED OIL TRANSFER FACILITY STATUS | / | TFS01/TFS02 = Used Oil Transfer Facility Status 'Requested'/'Granted' |

**Pursuant to LAC 33:V. 1105, if any of the information identified above is not accurate or site activities have changed, a subsequent Notification of Hazardous Waste Activity form (HW-1) should be completed and returned to the Louisiana Department of Environmental Quality, Office of Environmental Services, Environmental Assistance Division, P.O. Box 4313, Baton Rouge, Louisiana 70821-4313. The HW-1 form and other reporting resources may be obtained via the LDEQ public website at http://www.ldeq.org.**

OPEN HERE

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL SERVICES
POST OFFICE BOX 4313
BATON ROUGE, LOUISIANA 70821-4313

ST CHARLES DRAINAGE PUMP STA
8800 S CLAIBORNE AVE
NEW ORLEANS, LA 70118-

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**
**Environmental Assistance Division, Compliance Assistance Section**
**P O Box 4313, Baton Rouge, LA 70821**

**602 North Fifth St, Baton Rouge, LA 70802 (Physical Address)**

## CERTIFICATION OF NO HAZARDOUS WASTE ACTIVITY

I certify, under penalty of law, that the facility named below does not presently generate, store, treat, transport, or dispose of hazardous wastes, as defined in the Louisiana Hazardous Waste Regulation. I certify that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

TYPE OF CHANGE RESULTING IN NO HAZARDOUS WASTE ACTIVITY:
(Check all that apply)

__X__ Facility has no hazardous waste present at site.

____ Facility is out of business. Date of closure: _____

____ Facility no longer offers services which generate, store, treat, transport, or dispose of hazardous waste. Date service discontinued: _____

____ Facility has moved to new location. Date of move: _____
New physical address: _____

__X__ Temporary ID being deactivated. Date of last manifest: July 2006

__X__ Other, please describe: Contract work involving the surface preparation and painting of drainage facilites (St. Charles DPS and Jahnke DPS) completed in May of 2006 by General Contractor – Industrical Coatings Contractor, Inc. (ICC). C5193

FOR THE FACILITY REQUESTING CERTIFICATION:

Facility Name: St. Charles Drainage Pumping Station # 16

RECEIVED
JAN 07 2008
LDEQ
OES/EAD

EPA ID Number: ~~32517~~ LAR000060939

Physical Address: 7200 Wales Street, New Orleans, LA 70126

Signature & Date Gertrude Brown January 3, 2008

Print Name & Title: Gertrude Brown – Facility Engineering Specialist for Sewerage and Water Board of New Orleans – Engineering Div - Construction, Administration & Inspection Department.

FOR OFFICE USE ONLY
DIST SE GEN SQG TRANS ___ Reg. TSD ___ B/B ___ AI 32517

Lm RCRA Info 1/8/8
✓ TEMPO

BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

# State of Louisiana

## DEPARTMENT OF ENVIRONMENTAL QUALITY
## OFFICE OF ENVIRONMENTAL COMPLIANCE

June 13, 2008

CERTIFIED MAIL (7004 1160 0000 3795 6854)
RETURN RECEIPT REQUESTED

**SEWERAGE & WATER BOARD OF NEW ORLEANS**
c/o Gordon C. Austin, Chief, Environmental Affairs
625 St. Joseph St.
New Orleans, LA 70165

**RE: COMPLIANCE ORDER**
**ENFORCEMENT TRACKING NO. WE-C-07-0585**
**AGENCY INTEREST NO. 4688**

Dear Sir:

Pursuant to the Louisiana Environmental Quality Act (La. R.S. 30:2001, et seq.), the attached **COMPLIANCE ORDER** is hereby served on the **SEWERAGE & WATER BOARD OF NEW ORLEANS (RESPONDENT)** for the violations described therein.

Compliance is expected within the maximum time period established by each part of the **COMPLIANCE ORDER**. The violations cited in the **COMPLIANCE ORDER** could result in the issuance of a civil penalty or other appropriate legal actions.

Any questions concerning this action should be directed to Jeany Anderson-LaBar at (225) 219-3729.

Sincerely,

Lourdes Iturralde
Administrator
Enforcement Division

LMI/JALB/jalb
Alt ID No. LAU005116
Attachment

c: Ms. Carol Peters-Wagnon
U.S. Environmental Protection Agency, Region 6

Ms. Karen Orion
Regional Sanitarian
Office of Public Health
Department of Health and Hospitals

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

OFFICE OF ENVIRONMENTAL COMPLIANCE

| | | |
|---|---|---|
| IN THE MATTER OF | * | |
| | * | |
| SEWERAGE & WATER BOARD | * | ENFORCEMENT TRACKING NO. |
| OF NEW ORLEANS | * | |
| ORLEANS PARISH | * | |
| ALT ID NO. LAU005116 | * | WE-C-07-0585 |
| | * | |
| | * | AGENCY INTEREST NO. |
| | * | |
| PROCEEDINGS UNDER THE LOUISIANA | * | 4688 |
| ENVIRONMENTAL QUALITY ACT, | * | |
| La. R.S. 30:2001, ET SEQ. | * | |

## CONSOLIDATED
## COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY

The following **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is issued to **SEWERAGE & WATER BOARD OF NEW ORLEANS (RESPONDENT)** by the Louisiana Department of Environmental Quality (the Department), under the authority granted by the Louisiana Environmental Quality Act (the Act), La. R.S. 30:2001, et seq., and particularly by La. R.S. 30:2025(C), 30:2050.2 and 30:2050.3(B).

## FINDINGS OF FACT

I.

The Respondent owns and/or operates a Public Owned Treatment Works (POTW) serving the City of New Orleans and which is located at 3501 East Canal Street in New Orleans, Orleans Parish, Louisiana. The Respondent was issued National Pollutant Discharge Elimination

System (NPDES) Permit LA0038105, effective November 12, 1991, with an expiration date of November 11, 1996. NPDES Permit LA0038105 was revoked and reissued effective May 14, 1993, with an expiration date of May 13, 1998. In accordance with the assumption of the NPDES program by the state of Louisiana, NPDES permit LA0038105 became a Louisiana Pollutant Discharge Elimination System (LPDES) permit on or about August 27, 2996, with the same expiration date. The Respondent was reissued LPDES permit LA0038105 with an effective date of September 1, 2002, and with an expiration date of August 31, 2007. A permit renewal application was received by the Department on or about October 1, 2007, and determined administratively complete on or about October 2, 2007. Since a permit renewal application was not submitted 180 days prior to the expiration of LPDES permit LA0038105, but was submitted after its expiration, LPDES permit LA0038105 was not administratively extended. Therefore, the Respondent does not have authority to discharge treated sanitary wastewater from its facility into the Mississippi River, waters of the state.

II.

The Respondent was issued **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY WE-CN-03-0540** on or about November 19, 2003. The relevant violations of the Compliance Order were: failure to maintain accurate lab reports; failure to properly operate and maintain its equipment; numerous overflows; permit excursions; and submission of inaccurate Discharge Monitoring Reports (DMRs). The relevant requirements of the Compliance Order were to: meet and maintain compliance with LPDES permit LA0038105; submit corrected DMRs; submit a comprehensive plan for the expeditious elimination and prevention of such noncomplying discharges; and submit a complete written report including a detailed description of the circumstances of the cited violations, the actions taken to achieve

compliance, and corrective or remedial actions taken to mitigate any damages resulting from the violations. On or about December 22, 2003, the Respondent submitted a written response to **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY WE-CN-03-0540. CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY WE-CN-03-0540** is a final action of the Department and not subject to further review.

III.

An inspection conducted by the Department on or about August 16, 2007, and a further file review conducted on or about April 23, 2008, revealed that the Respondent failed to submit a permit renewal application 180 days prior to the expiration date of LPDES permit LA0038105. The Respondent's failure to submit a permit renewal application in a timely matter is in violation of LPDES permit LA0038105 (Part III, Sections A.2 and A.5), La. R.S. 30:2076 (A) (3), LAC 33:IX.501.A, LAC 33:IX.2501.D.1, LAC 33:IX.2701.A, LAC 33:IX.2701.B, and LAC 33:IX.3103.A.1.

IV.

An inspection conducted by the Department on or about August 16, 2007, revealed that two of the four bar screens at the headworks of the plant were not in service.

V.

An inspection conducted by the Department on or about August 16, 2007, and a further file review conducted on or about April 23, 2008, revealed that the Respondent continued to operate and discharge after expiration of LPDES permit. Specifically, a discharge was observed at the time of the inspection and the Respondent continued to submit Discharge Monitoring Reports (DMRs) stating that the facility was discharging. The unauthorized discharge of

sanitary wastewater to waters of the state is in violation of La. R.S. 30:2075, La. R.S. 30:2076(A)(1)(a), La. R.S. 30:2076(A)(3), LAC 33:IX.501.A, LAC 33:IX.501.C, LAC 33:IX.2501.A, and LAC 33:IX.2311.A.1.

VI.

A file review conducted by the Department on or about April 23, 2008, revealed the following overflows from the collection system, resulting in unauthorized discharges to waters of the state, as reported by the Respondent. The overflows are as follows:

| **Date of Overflow** | **Overflow Location** | **Cause of Overflow** | **Receiving Stream** | **Overflow Amount** |
|---|---|---|---|---|
| 12/03/2003 | 4254 Maple Leaf Dr. | Mechanical problems at pump station | Norman Canal | 222 gallons |
| 12/04/2003 | 5880 Tullis Dr. | Debris Blockage | Norman Canal | 252 gallons |
| 12/08/2003 | 3100 Vespian Bl. | Debris and Grease Blockage | Lamarque Canal | 900 gallons |
| 12/15/2003 | 4600 Gen. de Gaulle Dr. | Debris and Grease Blockage | Algiers Outfall Canal | 592 gallons |
| 01/12/2004 | 42 Pinewood Ct. | Grease Blockage | Algiers Outfall Canal | 905gallons |
| 01/15/2004 | 4600 Gen. de Gaulle Dr. | Grease Blockage | Algiers Outfall Canal | 460 gallons |
| 01/18/2004 | 5500 Woodland | Grease Blockage | Nolan Canal | 790 gallons |
| 01/19/2004 | 5500 Woodland | Grease and Debris Blockage, and Mechanical problems at pump station | Nolan Canal | 2070 gallons |
| 02/01/2004 | 5880 Tullis Dr. | Grease Blockage | Nolan Canal | 150 gallons |
| 02/02/2004 | 1527 L B Landry | Grease Blockage | Algiers outfall canal | 730 gallons |
| 02/02/2004 | Westbend Park / Herschel | Grease and Debris Blockage | Magellan Canal | 435 gallons |
| 02/06/2004 | 1591 Maura Place | Debris Blockage | Lamarque Canal | 310 gallons |
| 02/12/2004 | Westbend Park / Herschel | Grease and Debris Blockage | Magellan Canal | 580 gallons |
| 02/16/2004 | 2125 Whitney Av. | Grease and Debris Blockage | Whitney Avenue Canal | 1140 gallons |
| 02/17/2004 | 2646 Westbend Park | Grease and Debris Blockage | Gen. De Gaulle Dr. | 570 gallons |

| | | | | |
|---|---|---|---|---|
| 02/26/2004 | 2135 Lebouef | Grease Blockage | Gen. De Gaulle Dr. | 700 gallons |
| 09/27/2004 | Sutlen Place / Gen. Meyer Av. | Grease Blockage | Norman Canal | 325 gallons |
| 02/27/2004 | 3140 Garden Oaks Dr. | Debris Blockage | Gen. De Gaulle Dr. | 905 gallons |
| 03/08/2004 | 2125 Whitney Ave (two manholes overflowing) | Grease Blockage | Whitney Avenue Canal | 3140 gallons |
| 03/22/2004 | 4600 Gen. De Gaulle Dr. | Grease and Debris Blockage | Gen. De Gaulle Canal | 640 gallons |
| 03/28/2004 | 5216 Forest Park Lane | Grease and Debris Blockage | Donner Canal | 756 gallons |
| 04/26/2004 | 3701 Behrman Place | Unspecified Blockage | Lamarque Canal | 884 gallons |
| 05/01/2004 | 6101 Tullis Dr. | Grease and Debris Blockage | Norman Canal | 660 gallons |
| 05/06/2004 | 3800 Texas Dr. | Grease and Debris Blockage | West Donner Canal | 472 gallons |
| 05/10/2004 | 2200 Westbend Park | Grease and Debris Blockage | Algiers Outfall Canal | 672 gallons |
| 05/12/2004 | 3922 Lennox Bl. | Sewerage System Surcharge | Nolan Canal | 988 gallons |
| 05/18/2004 | 1500 Gen Collins Av. | Grease Blockage | Magelland Canal | 596 gallons |
| 05/22/2004 | 3540 Rue Denise | Root Blockage | Norman Canal | 812 gallons |
| 06/12/2004 | 5217 Forest Park Lane | Grease and Debris Blockage | Nolan Canal | 804 gallons |
| 06/13/2004 | 2021 Westbend Park | Grease and Debris Blockage | Lamarque Canal | 464 gallons |
| 06/16/2004 | 1813 Hendee | Grease and Debris Blockage | Lamarque Canal | 500 gallons |
| 06/18/2004 | 900 Whitney Av. | Grease Blockage | Whitney Avenue Canal | 940 gallons |
| 06/26/2004 | 1231 Murl | Grease Blockage | Lamarque Canal | 556 gallons |
| 07/16/2004 | 5985 Woodland Dr. | Grease Blockage | Nolan Canal | 788 gallons |
| 07/23/2004 | 28 Eugene Court | Grease Blockage | Nolan Canal | 584 gallons |
| 08/22/2004 | 4254 Maple Leaf Dr. | Electrical problems at pump station | Norman Canal | 524 gallons |
| 08/22/2004 | 2646 Westbend Park | Grease and Debris Blockage | Lamarque Canal | 292 gallons |
| 12/07/2004 | 4600 Gen. De Gaulle Dr. | Grease Blockage | Gen. De Gaulle Canal | 744 gallons |
| 12/08/2004 | 2646 Westbend Park | Grease Blockage | Algiers Outfall Canal | 964 gallons |
| 12/28/2004 | 4600 Gen. De Gaulle Dr. | Grease and Debris Blockage | Gen. De Gaulle Canal | 420 gallons |

| | | | | |
|---|---|---|---|---|
| 01/01/2005 | 5880 Tullis Dr. | Grease and Debris Blockage | Nolan Canal | 828 gallons |
| 01/11/2005 | 2464 Cumberland Ct. | Debris Blockage | Magellan Canal | 484 gallons |
| 01/14/2005 | 1859 Mercedes Bl. | Grease and Debris Blockage | Magellan Canal | 432 gallons |
| 01/18/2005 | 2135 LB Landry Av. | Debris Blockage | Gen. De Gaulle Canal | 220 gallons |
| 01/27/2005 | 5700 Tullis Dr. | Grease and Debris Blockage | Nolan Canal | 572 gallons |
| 01/31/2005 | 3645 Forest Park Lane | Grease and Debris Blockage | Nolan Canal | 912 gallons |
| 02/02/2005 | 4226 Mac Arthur | Intense rainfall inflow and sewerage system surcharged | Holiday Drive Canal | 592 gallons |
| 02/11/2005 | 2135 LB Landry Av. | Grease Blockage | Gen. De Gaulle Canal | 500 gallons |
| 02/24/2005 | 400 Whitney Av. | Grease and Debris Blockage | Vallette Canal | 652 gallons |
| 03/16/2005 | 4254 Maple Leaf Dr. | Grease and Debris Blockage | Eton Canal | 680 gallons |
| 03/17/2005 | 3200 Garden Oaks Dr. | Grease and Debris Blockage | Gen. De Gaulle Canal | 432 gallons |
| 03/28/2005 | 6601 Peony | Grease and Debris Blockage | Norman Canal | 1352 gallons |
| 04/02/2005 | Rue Parc Fontain /Mac Arthur | Grease and Debris Blockage | Eton Canal | 1384 gallons |
| 04/06/2005 | 1231 Murl | Grease and Debris Blockage | Lamarque Canal | 1120 gallons |
| 04/11/2005 | 3020 Rue Parc Fontain | Grease and Debris Blockage | Eton Canal | 224 gallons |
| 04/12/2005 | 1504 Bodenger | Grease Blockage | Vallette Canal | 212 gallons |
| 04/16/2005 | 7 Kings Canyon Dr. | Grease and Debris Blockage | Nolan Canal | 652 gallons |
| 05/03/2005 | 181 Pinewood Ct. | Unspecified blockage | Magellan Canal | 764 gallons |
| 05/15/2005 | 3600 Vespasian | Grease and Debris Blockage | Lamarque Canal | 372 gallons |
| 05/28/2005 | 21 Kings Canyon Dr. | Grease Blockage | Norman Canal | 572 gallons |
| 05/29/2005 | Vespasian / Westbend Park | Grease Blockage | Lamarque Canal | 784 gallons |
| 06/05/2005 | Herschel / Westbend Park | Grease Blockage | Algiers Outfall Canal | 240 gallons |
| 06/09/2005 | 3332 Seine | Unspecified blockage | Algiers Outfall Canal | 480 gallons |
| 06/25/2005 | 2646 Westbend Park | Grease and Debris Blockage | Algiers Outfall Canal | 396 gallons |

| | | | | |
|---|---|---|---|---|
| 07/06/2005 | 4226 MacArthur | Electrical problems at pump station and sewerage system surcharged | Magellan Canal | 9812 gallons* |
| 07/07/2005 | 3637 Forest Park Ln. | Electrical problems at pump station and sewerage system surcharged | Donner Canal | 2100 gallons * |
| 07/07/2005 | 5000 Woodland Dr. | Electrical problems at pump station and sewerage system surcharged | Nolan Canal | 1904 gallons * |
| 07/20/2005 | 3637 Forest Park Ln. | Electrical problems at pump station and sewerage system surcharged | Donner Canal | 1488 gallons * |

* sewer manhole overflows due to severe weather caused by Tropical Storm Cindy.

Each unauthorized discharge of wastewater from an unauthorized location is in violation of, La. R.S. 30:2075, La. R.S. 30:2076 (A) (1), La. R.S. 30:2076 (A) (3), LAC 33:IX.501.A, and LAC 33:IX.501.D. The failure to properly operate and maintain the collection system is in violation of LPDES permit LA0038105 (Part III, Section A.2 and B.3.a), La. R.S. 30:2076 (A) (3), LAC 33:IX.501.A, LAC 33:IX.2701.A, and LAC 33:IX.2701.E.

## COMPLIANCE ORDER

Based on the foregoing, the Respondent **is hereby ordered:**

I.

To immediately cease, upon receipt of this **COMPLIANCE ORDER**, all unauthorized discharges from the Respondent's facility to waters of the state, and to take any and all steps necessary to meet and maintain compliance with the permit effluent limitations, monitoring requirements and conditions contained in expired LPDES permit LA0038105 until a final permit is reissued or until the Respondent is otherwise notified in writing by the Department.

II.

To immediately take, upon receipt of this **COMPLIANCE ORDER** any and all steps necessary to properly operate and maintain the collection system and systems of treatment that are installed to achieve compliance with expired LPDES permit LA0038105.

III.

In the event the Respondent believes that complete correction of the above cited deficiencies is not physically possible within thirty (30) days, the Respondent shall submit, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a comprehensive plan for the expeditious elimination and prevention of such noncomplying discharges including but not limited to, sanitary sewer overflows. Such plan shall provide for specific corrective actions taken and shall include a critical path schedule for the achievement of compliance within the shortest time possible.

IV.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report that includes a detailed description of the circumstances surrounding the cited violations and actions taken or to be taken to achieve compliance with the Order Portion of this **COMPLIANCE ORDER**. This report and all other reports or information required to be submitted to the Enforcement Division by this **COMPLIANCE ORDER** shall be submitted to:

Office of Environmental Compliance
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312
**Attention: Jeany Anderson-LaBar**
**Enforcement Tracking No. WE-CN-07-0585**
**Agency Interest No. 4688**

V.

To protect water quality, the Respondent is required to comply with the following: The discharge from this facility's operation shall be monitored at the point of discharge from the last treatment unit prior to entering waters of the state of Louisiana. The Respondent shall monitor and report all discharges from its facility under the effluent limitations and monitoring requirements and all other conditions described in it's expired LPDES permit LA0038105 until a final permit is re-issued by the Department or until the Respondent is otherwise notified in writing by the Department.

VI.

To notify the Enforcement Division within fifteen (15) days of receipt of a final LPDES permit issued by the Department.

**THE RESPONDENT SHALL FURTHER BE ON NOTICE THAT:**

I.

The Respondent has a right to an adjudicatory hearing on a disputed issue of material fact or of law arising from this **COMPLIANCE ORDER**. This right may be exercised by filing a written request with the Secretary no later than thirty (30) days after receipt of this **COMPLIANCE ORDER**.

II.

The request for an adjudicatory hearing shall specify the provisions of the **COMPLIANCE ORDER** on which the hearing is requested and shall briefly describe the basis for the request. This request should reference the **Enforcement Tracking Number** <u>and</u> **Agency Interest Number**, which are located in the upper right-hand corner of the first page of this document and should be directed to the following:

Department of Environmental Quality
Office of the Secretary
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302
**Attn: Hearings Clerk, Legal Division**
**Re: Enforcement Tracking No. WE-CN-07-0585**
**Agency Interest No. 4688**

III.

Upon the Respondent's timely filing a request for a hearing, a hearing on the disputed issue of material fact or of law regarding this **COMPLIANCE ORDER** may be scheduled by the Secretary of the Department. The hearing shall be governed by the Act, the Administrative Procedure Act (La. R.S. 49:950, et seq.), and the Department's Rules of Procedure. The Department may amend or supplement this **COMPLIANCE ORDER** prior to the hearing, after providing sufficient notice and an opportunity for the preparation of a defense for the hearing.

IV.

This **COMPLIANCE ORDER** shall become a final enforcement action unless the request for hearing is timely filed. Failure to timely request a hearing constitutes a waiver of the Respondent's right to a hearing on a disputed issue of material fact or of law under Section 2050.4 of the Act for the violation(s) described herein.

V.

The Respondent's failure to request a hearing or to file an appeal or the Respondent's withdrawal of a request for hearing on this **COMPLIANCE ORDER** shall not preclude the Respondent from contesting the findings of facts in any subsequent penalty action addressing the same violation(s), although the Respondent is estopped from objecting to this **COMPLIANCE ORDER** becoming a permanent part of its compliance history.

VI.

Civil penalties of not more than twenty-seven thousand five hundred dollars ($27,500) for each day of violation for the violation(s) described herein may be assessed. For violations which occurred on August 15, 2004, or after, civil penalties of not more that thirty-two thousand five hundred dollars ($32,500) may be assessed for each day of violation. The Respondent's failure or refusal to comply with this **COMPLIANCE ORDER** and the provisions herein will subject the Respondent to possible enforcement procedures under La. R.S. 30:2025, which could result in the assessment of a civil penalty in an amount of not more than fifty thousand dollars ($50,000) for each day of continued violation or noncompliance.

VII.

For each violation described herein, the Department reserves the right to seek civil penalties in any manner allowed by law, and nothing herein shall be construed to preclude the right to seek such penalties.

**NOTICE OF POTENTIAL PENALTY**

I.

Pursuant to La. R.S. 30:2050.3(B), you are hereby notified that the issuance of a penalty assessment is being considered for the violation(s) described herein. Written comments may be filed regarding the violation(s) and the contemplated penalty. If you elect to submit comments, it is requested that they be submitted within ten (10) days of receipt of this notice.

II.

Prior to the issuance of additional appropriate enforcement action(s), you may request a meeting with the Department to present any mitigating circumstances concerning the

violation(s). If you would like to have such a meeting, please contact Jeany Anderson-LaBar at (225) 219-3729. within ten (10) days of receipt of this **NOTICE OF POTENTIAL PENALTY**.

III.

The Department is required by La. R.S. 30:2025(E)(3)(a) to consider the gross revenues of the Respondent and the monetary benefits of noncompliance to determine whether a penalty will be assessed and the amount of such penalty. Please forward the Respondent's most current annual gross revenue statement along with a statement of the monetary benefits of noncompliance for the cited violation(s) to the above named contact person within ten (10) days of receipt of this **NOTICE OF POTENTIAL PENALTY**. Include with your statement of monetary benefits the method(s) you utilized to arrive at the sum. If you assert that no monetary benefits have been gained, you are to fully justify that statement.

IV.

This **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is effective upon receipt.

Baton Rouge, Louisiana, this 13th day of June, 2008.

Peggy M. Hatch
Assistant Secretary
Office of Environmental Compliance

Copies of a request for a hearing and/or
related correspondence should be sent to:

Louisiana Department of Environmental Quality
Office of Environmental Compliance
Enforcement Division
P.O. Box 4312
Baton Rouge, LA 70821-4312
Attention: Jeany Anderson-LaBar

UST-REG-01
Revised 12/96

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK DIVISION

UST-REG-01
Revised 12/96

# REGISTRATION OF UNDERGROUND STORAGE TANKS

## INSTRUCTIONS

**GENERAL INFORMATION:** Use ink, and type or print all items except where a signature is required. Forms completed in pencil will not be accepted. A separate form must be completed for each facility/location containing underground storage tanks (USTs). The LDEQ will only accept an ORIGINAL registration form with an ORIGINAL signature of the owner. Photocopies and fax copies of the form will not be accepted. If there are more than six tanks at a location, attach another original form with Section IX completed. If continuation sheets are attached, indicate the number of attached sheets here: ☐

RETURN COMPLETED FORM TO: LDEQ-UST DIVISION, REGISTRATION UNIT, POST OFFICE BOX 82178, BATON ROUGE, LA 70884-2178

FOR QUESTIONS, CALL THE REGISTRATION UNIT AT: (504) 765-0243

**FEES:** Upon receipt of your registration form, the LDEQ will send you an invoice for all applicable fees, as delineated below. Annually thereafter, you will receive an itemized invoice(s) for all applicable fees for the fiscal year (July 1 through June 30). Each fee type is invoiced and sent separately. ALL FEES MUST BE PAID REGARDLESS OF WHETHER THE TANKS WILL BE INSTALLED, ARE OUT OF SERVICE, OR ARE PERMANENTLY/TEMPORARILY CLOSED DURING THE FISCAL YEAR.

1) Annual Registration Fee
All UST owners must pay a fee of $45 per tank. Your registration(s) on file with the LDEQ will not be valid until payment is received. After payment is received, a "Certificate of Registration" will be issued for each facility. This certificate must be posted in a conspicuous location so that persons filling the USTs can easily verify registration.

2) Annual Monitoring and Maintenance Fee
A) State and federal agencies must pay a fee of $120.
B) Owners of USTs containing hazardous substances as defined in Section 103 of the UST regulations must pay a fee of $500.
C) Owners of USTs containing petroleum products not meeting the definition of a motor fuel must pay a fee of $120.

3) Motor Fuels Storage Tank Trust Fund Fee
Owners of USTs containing new or used oils must pay a fee of $275.

RECEIVED LADEQ/PERMITS REGS & CERTS 2002 APR 18 AM 10:46

**LATE REGISTRATIONS:** A registration will be considered late if not filed within 30 days of the UST system being put into service. In order to avoid future disputes concerning participation eligibility in the Motor Fuels Underground Storage Tank Trust Fund, an owner must demonstrate that a late registered UST(s) has not leaked in the past and is not leaking at the time of registration. Therefore, once a late registration is received by the LDEQ, an owner will be issued a "Notice to Late Underground Storage Tank Registrants" and be directed to have a site assessment and tank/piping tightness tests performed, or provide some other evidence as approved by the LDEQ.

**NOTE:** ALL SECTIONS MUST BE COMPLETED. Registration forms lacking information will be returned. For amended registrations, be sure to include the identification numbers that have been assigned by the LDEQ (CONTACT THE LDEQ IF NECESSARY). The owner identification number should NOT be included if this is a Change of Ownership.

## I. GENERAL REGISTRATION INFORMATION

☐ CHECK HERE IF THIS IS A LATE REGISTRATION (i.e., if not filed within 30 days of the tank being put into service)

Your Federal ID # 72-6001323

Facility ID # 3r-018316 (ASSIGNED BY LDEQ)

Owner ID # 007491000 (ASSIGNED BY LDEQ)

REASON FOR REGISTRATION:
- X New Tank(s) and New Facility
- ___ Replacement Tank(s)
- ___ Additional Tank(s)
- ___ Amended (Specify below)
  - ___ Change of Ownership
  - Purchase Date ___/___/___
  - ___ Other (Specify) _____

STATE USE ONLY
Federal ID# 72-0999270
ENTERED APR 23 2002
Date Entered ___/___/___
Data Entry Clerk ___
Date NTLR Issued ___/___/___
___ Analytical Data Received
___ Tightness Test Certificate Rec'd
___ Site Diagram Received
___ Other Information Received

## II. OWNER INFORMATION

Certificate of Registration will be issued with this information.

Owner Name (corporation, individual, public agency, or other entity): SEWAGE & WATER BOARD OF NEW ORLEANS

Mailing Address: 8800 SOUTH CLAIBORNE AVE.

City / State / Zip Code: NEW ORLEANS, LA 70118

Telephone Number (include Area Code): (504)865-0409

RESERVED FOR STATE USE ONLY

## III. FACILITY INFORMATION

All lines must be filled in COMPLETELY.
Certificate of Registration will be issued with this information.

Facility Name or Company Site Identifier, as applicable: GENERATOR STATION

Street Address (must give physical location; P.O. Box or route # not acceptable): 4801 HARBOR ROAD

City / State / Zip Code: NEW ORLEANS, LA 70118-0000

Telephone Number (include Area Code):

Parish: ORLEANS

Number of tanks At this location: 2

Latitude ___ DEGREES ___ MINUTES ___ SECONDS

Longitude ___ DEGREES ___ MINUTES ___ SECONDS

## IV. TYPE OF OWNER - Select the appropriate owner description.

___ Federal Government  X State Government  ___ Local Government  ___ Commercial  ___ Private

## V. INDIAN LANDS - Complete this section only if applicable.

Name of Tribe/Nation _____

___ Tanks are located on land with an Indian Reservation or on other trust lands.

___ Tanks are owned by native American nation, tribe, or individual.

## VI. TYPE OF FACILITY - Select the appropriate facility description.

| | | | | |
|---|---|---|---|---|
| ___ Aircraft Owner | ___ Contractor | ___ Federal Non-Military | ___ Railroad | ___ Trucking/Transport |
| ___ Air Taxi (Airline) | ___ Farm | ___ Industrial | ___ Residential | X Utilities |
| ___ Auto Dealership | ___ Federal Military | ___ Petroleum Distrib. | ___ Retail Seller of Motor Fuel (e.g. gas/service station) | ___ Other (Specify) _____ |

## VII. CONTACT PERSON IN CHARGE OF TANK(S)

| Name | Official Title | Phone Number (include Area Code) |
|---|---|---|
| John Hauer Kamp | Chief of Operations | (504)865-0409 |

| Address | City | State | Zip |
|---|---|---|---|
| 8800 South Claiborne | New Orleans, LA | | 70118 |

## VIII. FINANCIAL RESPONSIBILITY (Required assurances that an owner can pay for a cleanup and compensate third parties, should a release occur.)

Check all that apply: ___Commercial Insurance ___Letter of Credit ___Surety Bond

___Guarantee ___Risk Retention Group ___Other Allowed Method (Specify)_____

_X_ LA Motor Fuel Trust Fund ___Self Insurance

| Tank Identification Number (MUST BE ASSIGNED BY LDEQ) | Tank No. | Tank No. | Tank No. | Tank No. | Tank No. | Tank No. |
|---|---|---|---|---|---|---|
| | 55346 | 55347 | | | | |

## IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS - Complete for each tank at this location.

**1. Current Condition of Tank**

NOTE: The registration form is NOT used to notify the LDEQ of USTs that are permanently closed (i.e., UST removals or USTs that have been properly filled in-place). Refer to LAC 33:XI., Chapter 9, of the UST regulations for Closure requirements. The owner of a UST not "in use" must either apply for temporary closure, or close the UST permanently. A UST may be temporarily closed for up to 12 months. After, the owner must either: bring the UST back into service, apply for an extension, or permanently close the UST. An owner is required to notify the Enforcement Section 30 days prior to performing permanent closure on form UST-ENF-01. Subsequently, an owner is required to document the closure within 60 days on form UST-ENF-02. The Enforcement Section will then notify the Registration Unit of the permanent closure.

| Mark Only One | | Tank No. | Tank No. | Tank No. | Tank No. | Tank No. | Tank No. |
|---|---|---|---|---|---|---|---|
| | Currently In Use/In Service | Yes_X_No___ | Yes_X_No___ | Yes___No___ | Yes___No___ | Yes___No___ | Yes___No___ |
| | Temporarily Out of Use-Date | / / | / / | / / | / / | / / | / / |
| | Is this a compartment tank? *A compartment tank is only ONE tank.* | Yes___No_X_ | Yes___No_X_ | Yes___No___ | Yes___No___ | Yes___No___ | Yes___No___ |
| | If yes, how many compartments? | | | | | | |
| | *Is tank or piping presently leaking?* | Yes___No_X_ | Yes___No_X_ | Yes___No___ | Yes___No___ | Yes___No___ | Yes___No___ |
| | **2. Date of Installation** - estimate if unknown | 3/15/02 | 3/15/02 | / / | / / | / / | / / |
| | **3. Date Put in Service** - estimate if unknown | / / | / / | / / | / / | / / | / / |
| | **4. Total Capacity** - gallons ("unknown" not acceptable - must specify) | 15,000 | 15,000 | | | | |
| | **5. Water Wells** - Is there a water well (active or abandoned) within 50 ft? | Yes___No_X_ | Yes___No_X_ | Yes___No___ | Yes___No___ | Yes___No___ | Yes___No___ |
| | If yes, specify number of active wells | | | | | | |
| | Number of abandoned wells | | | | | | |

**6. Substance Last Stored in Greatest Quantity by Volume** - Complete for each tank at this location.

| | Tank No. | Tank No. | Tank No. | Tank No. | Tank No. | Tank No. |
|---|---|---|---|---|---|---|
| Gasoline | | | | | | |
| Diesel | X | X | | | | |
| Gasohol | | | | | | |
| Kerosene | | | | | | |
| Heating Oil | | | | | | |
| New and Used Oil (This includes waste, lube, cutting, motor, inhibited, recycle, engine, etc. oils) | | | | | | |
| Other petroleum-based substances (Specify) | | | | | | |
| Mark here if tank stores fuel solely for use by an emergency generator | | | | | | |
| Hazardous Substance | | | | | | |
| CERCLA name and/or, | | | | | | |
| CAS number | | | | | | |
| Mixture of Substances (Must specify) | | | | | | |
| | | | | | | |

## X. CERTIFICATION BY THE OWNER - Must be completed by the owner.

**CERTIFICATION OF FINANCIAL RESPONSIBILITY**

I certify, under penalty of law, that I have met the financial responsibility requirements in accordance with the UST regulations of LAC 33:XI., Chapter 11.

**CERTIFICATION OF TRUENESS, ACCURACY, AND COMPLETENESS OF INFORMATION**

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

JRHK — 4/16/02

Signature of Owner or Authorized Employee (CONTRACTOR'S SIGNATURE NOT ACCEPTABLE) — Date

JOHN R HUERKAMP — CHIEF OF OPERATIONS

Printed Name of Person Signing Form — Official Title

**NOTE: A current copy of the registration form must be kept on-site or at the nearest staffed facility.**

# INCIDENT REPORT

Incident ID: 105033

## Incident Description

**Incident Type:** Release/Spill, Sewage
**Incident Date:** APR-10-08 10:20
**Parish:** Orleans
**Municipality:** New Orleans
**Location:** 5701 Tullis DriveNew Orleans
**Lat/Lon:**
**Basin/Segment:** 41401
**Substance(s):**
**Media Impacted:** Water/Soil
**Incident Desc:** s08-1563Due to leak on 8" cast iron force sewer main...sewage contained in man-made hole....cj

## Incident Status

**Lead Investigator:** Dionne Magness
**Incident Region:** Southeast
**Incident Status:** Closed
**Followup Status:** Closed
**As Of:** APR-23-2008 16:14

## Incident Reporter

**Received By:** Carla James
**Received Date:** APR-17-2008 00:00
**Dispatch #:** s08-1563
**Reported By:** Marcia St. Martin, Agency Interest Self Rept
**Phone:** 504-529-2837
**Reporter Title:**
**Organization:** Sewerage & Water Board of New Orleans
**Address:** 626 St. Jospeh St

**Municipality:** New Orleans
**State:** LA
**Zip Code:** 70165
**Comments:** Found 4/23/08 during written notification process...cj

**INCIDENT REPORT**

Incident ID: 105033

**Incident Source**

**Source Name:** Sewerage & Water Board of New Orleans

**Address:** 3501 E Canal St
(portion of)

**Municipality:** New Orleans

**State:** LA

**Phone:** 5049423855

**Parish:** Orleans

**AI #:** 4688

**Related Permits:**

**Comments:** On April 10, 2008, approximately 2,394 gallons of untreated wastewater were released to a grassy median at 5701 Tullis Drive, New Orleans. The bypass was due to a leak on an 8 inch cast iron force sewer main. A full circle clamp was installed over the damaged portion of the main. The sewage was contained in a manhole and pumped back to the gravity sewer system.

TOM 4/23/08

041401
508-1563
T 105033

"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21st CENTURY"

# Sewerage & Water Board OF NEW ORLEANS

C. RAY NAGIN, President
TOMMIE A. VASSEL, President Pro-Tem

625 ST. JOSEPH STREET
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52W-ATER
www.swbnola.org

April 14, 2008

4-23-08
Found during
written notification process

Regional Director
U.S. Environmental Protection Agency (6W-EO)
Compliance Assurance & Enforcement Division
1445 Ross Avenue
Dallas, TX 75202-2733

~~38317~~
AI 4688

Attn: Mr. Ted Palit

**Re: NPDES Permit No. LA0038105**

Dear Mr. Palit:

This letter is to inform you of a partial bypass of the referenced facility, through the sewerage system, to a grassy median, at 5701 Tullis Drive (inside of the Forest Isle Apartment complex).

The bypass was established April 10, 2008 at 10:20 a.m. and ended at 12:00 p.m. on April 10, 2008. The estimated volume bypassed was approximately 2,394 gallons. The bypass was due to a leak on an eight (8) inch cast iron force sewer main.

To minimize the impact of the leaking force main, the Forest Isle sewer pumping station was turned off and the sewage was contained (in a man- made hole) and pumped back to the gravity sewer system after repairs were completed.

To prevent re-occurrence, a full circle clamp was installed over the damaged portion of the force main.

Analyses were not performed since the waste was identified as domestic sewerage and is considered to have the same characteristics. The SOAP was followed according to the Consent Decree.

SERO/Magness

RECEIVED
APR 22 2008
DEQ
Single Point of Contact

Members of the Board: PIERRE E. CONNER, III • MICHAEL DARNELL • BENJAMIN L. EDWARDS, SR. • ARNIE FIELKOW • NORMA E. GRACE • BARBARA LAMONT
ALEX I. LEWIS, III • C. RAY NAGIN • FLORENCE W. SCHORNSTEIN • GARY N. SOLOMON • TOMMIE A. VASSEL • CYNTHIA WILLARD-LEWIS
"An Equal Opportunity Employer"

If you have any questions, please feel free to contact, Mr. Gordon C. Austin at (504) 942-3855.

Yours very truly,

Marcia St. Martin
Executive Director

MSM: GCA: PNB
April 14-1

CC: Surveillance
Department of Environmental Quality
602 N. 5th Street
Baton Rouge, LA 70802
Attn: Ms. Betty Brousseau

Southeast Regional Office
201 Evans Road Bldg 4 Suite 420
New Orleans, LA 70123-5230
Attn: Mr. Mike Algero

Sewerage and Water Board of New Orleans
Environmental Affairs Division
2900 Peoples Avenue Room 215
New Orleans, LA 70122
Attn: Gordon C. Austin

**NOTE TO FILE**

April 24, 2008

**AI 68978, AI 5672**
Sewerage & Water Board of New Orleans
2929 Eads Street
New Orleans, LA; Orleans Parish

A CEI was conducted at AI 5672 on July 30, 2007. Results of this inspection indicate that two separate AI numbers were created for tanks located at the same facility. Further review of the available files for AI 68978 (Eads St) and AI 5672 (Peoples Ave) indicate that a 550-gallon UST was registered twice. The status of the duplicate tank has been Deferred in TEMPO. In addition, AI numbers 5672 and 68978 have been merged into AI 5672. Documents associated with AI 68978 have been transferred to AI 5672.

The July 2007 inspection confirms only three USTs (one 10,000 gallon and two 4,000 gallon) are located at the Sewerage & Water Board Central Yard facility.

Deferred status will stop future invoices from being generated for AI 68978. All outstanding invoices for AI 68978 have been adjusted off.

Heather Biletnikoff, ES Supervisor
UST Division
UST Support Section

#150

# COMPLIANCE INSPECTION REPORT FOR UNDERGROUND STORAGE TANKS

| | | | | | |
|---|---|---|---|---|---|
| **AI #:** | 5672 | **FID #:** | 36-008336 | | |
| **AI NAME:** | Sewerage & Water Board of New Orleans Central Yard | | | **INSPECTION DATE(S):** | 7/30/07 |

| | | | | |
|---|---|---|---|---|
| **Physical Location** | 2900 Peoples Avenue | | | |
| | New Orleans | LA | **Parish:** | Orleans |
| | (City) | (State) | | |
| **Mailing Address:** | 2900 Peoples Avenue | New Orleans | LA | 70122 |
| | (Address) | (City) | (State) | (Zip) |

| | |
|---|---|
| **Facility Representative/Title:** | Walter & Tran/Environmental Affairs |
| **Facility Representative Telephone No:** | Walter (504-799-9904) and Tran (504-942-3933) |
| **Lead Inspector:** | Adam M. Morgan (SEMS, Inc.) |
| **Other Inspector(s):** | |

**Summary of Findings/Comments**

A CEI was conducted to determine the degree of compliance with the 1998 upgrade requirements.

The LDEQ Certificate of Registration indicates four tanks are registered at 2900 Peoples Avenue (AI No. 5672). The LDEQ Certificate of Registration indicates one tank is registered at 2929 Eads Street. The Sewerage and Water Board of New Orleans facility is located between Eads Street and Peoples Avenue.

A review of EDMS files indicates the following for AI 5672 (Peoples Avenue): four 4,000 gallon tanks were registered in 4/86 with tank numbers 22403, 22404, 22405, and 22406 (Document No. 4760178). Two tanks with tank numbers 52981 (1,000 gallon gasoline) and 52982 (600 gallon kerosene) were registered and a NOI to closure was submitted (Document No. 4760181). A closure form for tanks 52981 and 52982 was submitted to the LDEQ (Document No. 9017933). A LDEQ Closure Inspection Report is filed in EDMS (Document No. 35423971) indicating that tanks 22403 and 22403 were closed. In summary, registration records would indicate that two 4,000 gallon tanks remain under this AI Number.

A review of EDMS files indicates the following for AI 68978 (Eads Street): Registration of one 550 gallon diesel tank with assigned tank number 36536 (Document No. 4810371). Registration of one 550 gallon waste oil tank with assigned tank number 55553 (Document No. 24402112). A NOI to close the waste oil tank was submitted to the LDEQ (Document No. 24653936) on 11/26/02. No closure report was found on EDMS for closure of the waste oil tank.

The facility representative indicated that three tanks exist at the site including one 10,000 gallon composite compartmental tank installed in October 2004, one 4,000 gallon gasoline tank installed in 1998, and one 4,000 gallon gasoline tank installed in 1974.

Tank registration records need to be updated for both AI numbers so the LDEQ knows exactly what tank systems exist. The attached CEI checklist was not completed since we are not sure what exists at the locations. The facility is not in compliance with LAC 33:XI.301.A.3/301.B (registration forms are not accurate) and possibly 303.B.4.c (not notifiying the LDEQ that the 10,000 was installed).

| | | |
|---|---|---|
| **Report By:** | Adam M. Morgan | 8/14/07 |
| | Adam M. Morgan (SEMS, Inc.) | (Date) |
| **Reviewed By:** | [illegible] | 9-4-07 |
| | , Environmental Scientist Supervisor | (Date) |



Note: All questions are to be answered. If unable to determine, write 'unknown' and explain in narrative.
Use the further explanations pages in the back or narrative to describe your areas of concern in greater detail.

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
## FIELD INTERVIEW FORM

Peoples 5672

AGENCY INTEREST#: ~~68998~~ 5672 INSPECTION DATE: 7-30-07 TIME OF ARRIVAL: 10:00 Am

ALTERNATE ID#: _____ DEPARTURE DATE: 7-30-07 TIME OF DEPARTURE: 10:45 Am
(ID Type/Number)

FACILITY NAME: Sewerage & Water Board of New Orleans PH #: _____

LOCATION: 2929 Eads St., New Orleans, LA 70112

PARISH NAME: Orleans

RECEIVING STREAM (BASIN/SUBSEGMENT): _____

MAILING ADDRESS: 2900 Peoples Avenue, New Orleans LA 70122
(Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: Walter & Tran TITLE: _____

FACILITY REPRESENTATIVE PHONE NUMBER: Walter: (504) 799-9904 / Tran: (504) 942-3933

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: CEI PROGRAM INVOLVED: AIR WASTE WATER (OTHER) UST

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

3) UST's are located at this facility. 1-10,000 (compartmental) Diesel gallon tank installed in December 20[illegible] 1-4,000 gallon gasoline tank installed in 1998. 1-4,000 gasoline tank installed in 197[illegible] Spill Buckets intact and structurally sound. Butterfly valves used for overfill. Water in Submersible pump sumps. 4 Line leak detectors intact and functional. A Veeder Root TLS 350 is ATG system operating on site. All tanks passed ATG records last 2 years. 3 dispens[illegible] functional and brand new on site. Facility representative will fax over all third party testing records.

AREAS OF CONCERN:

| REGULATION | EXPLANATION | CORRECTED? |
|---|---|---|
| | | YES NO |
| | | YES NO |

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☐ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: Walter Berard

PRINT NAME: Walter Berard S/W Bd

(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Adam M. Morgan (SEMS, Inc.) CROSS REFERENCE: _____

ATTACHMENTS: _____

REVIEWER: _____

NOTE: The information contained on this form reflects only the preliminary observations of the inspector(s). It should not b[illegible] interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matte[illegible] including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statut[illegible] regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisia[illegible] Environmental Quality Act.

REVISED: 02/03/2003

FYI

AI#4688

"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21st CENTURY"

# Sewerage & Water Board OF NEW ORLEANS

625 ST. JOSEPH STREET
NEW ORLEANS,LA 70165 • 504-529-2837
www.swbnola.org

C. RAY NAGIN, President
TOMMIE A. VASSEL, President Pro-Tem

April 10, 2008

Ms. Hazel Shofner – 6W-E A OP
U.S. Environmental Protection Agency – Region VI
Water Management Division – Enforcement Branch (6W-EA)
1445 Ross Avenue
Dallas, Texas 75202-2733

RE: LPDES Permit LA 0038105

Dear Ms. Schofner:

The attached report is to inform you of eight possible partial bypasses or sanitary sewer overflows from the collection system of the referenced West Bank facility during March, 2008, as requested by you.

These events were due primarily to blockages in main sewerage lines, among other factors. Analyses were not performed since the waste was identified as domestic sewage and is likely to have the same characteristics.

Additionally, the Board is reporting the following events to facilitate EPA information gathering. All events reported herein are subject to possible further investigation. We do not believe these events are violations of the Clean Water Act, but out of an abundance of caution report same.

There was one sewer house connection overflow on the west bank during this reporting period. The overflow was on private property and was determined to be the responsibility of the property owner.

If you have any questions concerning these reports, please contact Gordon C. Austin at (504) 942-3855.

Yours very truly,

Marcia St. Martin
Executive Director

RECEIVED
APR 15 2008
SOUTHEAST REGIONAL OFFICE

Members of the Board: BENJAMIN L. EDWARDS SR. • SIDNEY H. EVANS, JR. • ARNIE FIELKOW • NORMA E. GRACE • BARBARA LAMONT • ALEX I. LEWIS, III
C. RAY NAGIN • PENELOPE RANDOLPH • FLORENCE W. SCHORNSTEIN • GARY N. SOLOMON • OLIVER M. THOMAS, JR • TOMMIE A VASSEL • CYNTHIA WILLARD-LEWIS
" An Equal Opportunity Employer "

cc: Mr. Ted Palit, (6EN-WT)
U.S. Env. Protection Agency / Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Ms. Hazel Shofner – 6W-EAOP
U.S. Env. Protection Agency – Region VI
Water Management Division – Enforcement Branch (6W-EA)
1445 Ross Avenue
Dallas, Texas 75202-2733

Mr. Mike Algero, - LA Dept. of Env. Quality
S. E. Reg'l Office - 201 Evans Rd. Bldg 4 - Suite 420
New Orleans, La. 70123-5230

Mr. G.J. Sullivan, General Superintendent
Mr. John D. Lambert, Jr., Legal Counsel, S&WB
Mr. Rudolph August, Jr., Chief of Networks, S&WB
Mr. Gordon C. Austin, Chief of Env. Affairs Division, S&WB

## SEWERAGE AND WATER BOARD OF NEW ORLEANS

### Eastbank Collection System Overflow Report - March 2008

| Date/Time Event Began | Address | Location | Time Crew Arrived | Date/Time Event Ended | Possible Volume of of Event (gals) | Possible Receiving Stream Canal/Surface Water | Cause | Measure Taken To: Control | Stop | Prevent | Response |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **EASTBANK LOCATIONS** | | | | | | | | | | | |
| 03/06/08 10:00 | 6326 | Morrison Rd | 03/06/08 10:00 | 03/06/08 19:00 | 2160 | Morrison Canal | 1b,1e,2b | 1e,2f | 2a | 1a,1b | 0.0 |
| 03/06/08 17:32 | 7800 Blk | N Coronet Ct / | 03/06/08 18:30 | 03/06/08 19:30 | 472 | Lawrence Canal | 1d | 1b,1d | 1b | 1a | 1.0 |
| 03/11/08 10:00 | N/A | Apricot / Dublin | 03/11/08 10:00 | 03/11/08 11:00 | 240 | Monticello Canal | 1a | 1b,2f | 1b | 1a | 0.0 |
| 03/12/08 11:32 | 7001 | Lawrence Rd / Crowder Bl | 03/12/08 11:50 | 03/12/08 13:45 | 532 | Lawrence Canal | 1a | 1e,2f | 1b | 1a | 0.3 |
| 03/12/08 18:38 | 7501 | E Oakridge Ct / Bullard Av | 03/12/08 20:30 | 03/12/08 21:30 | 688 | Morrison Canal | 1a,1c | 1b,1c,1d | 1b | 1a,1b | 1.9 |
| 03/17/08 11:50 | N/A | Parry / Morrison Rd | 03/17/08 11:50 | **** | **** | Morrison Canal | **** | **** | **** | 1a,1d | 0.0 |
| 03/18/08 10:16 | N/A | Zenith / Berg | 03/18/08 10:45 | 03/18/08 12:00 | 416 | Morrison Canal | 1d | 1e,2f | 1b | 1a | 0.5 |
| 03/21/08 23:34 | N/A | Morrison Rd / Parry | 03/22/08 01:15 | **** | **** | Morrison Canal | **** | **** | **** | 1a,1d | 1.7 |
| 03/22/08 19:12 | 540 | S Broad / Tulane Av | 03/22/08 21:30 | 03/22/08 23:00 | 912 | Broad St Canal | 1a,1c | 1b,1c | 1b | 1a,1b | 2.3 |
| 03/30/08 10:33 | N/A | Parry / Morrison Rd | 03/30/08 11:50 | 03/30/08 12:50 | 548 | Morrison Canal | 1a | 1b,2f | 1b | 1a | 1.3 |
| 03/30/08 10:33 | N/A | Dune / Morrison Rd | 03/30/08 11:50 | 03/30/08 12:50 | 548 | Morrison Canal | 1a | 1b,2f | 1b | 1a | 1.3 |
| 03/31/08 15:54 | 4630 | Murano Rd / Old Spanish Trail | 03/31/08 18:00 | 03/31/08 19:30 | 864 | Chef Menteur Pass | 3b | 1b,2f | 3b | 1a,1d | 2.1 |
| **WESTBANK LOCATIONS** | | | | | | | | | | | |
| 03/01/08 11:29 | 99 | Cypress Grove Ct / | 03/01/08 13:00 | 03/01/08 14:00 | 604 | Nolan Canal | 1c | 1d,2f | 1b | 1a | 1.5 |
| 03/05/08 13:31 | 1904 | Hendee / Wall Bl | 03/05/08 14:10 | 03/05/08 14:30 | 236 | Whitney Av Canal | 1a | 1b,2f | 1b | 1a | 0.7 |
| 03/12/08 09:48 | N/A | Woodland Av / Tullis Dr | 03/12/08 10:30 | 03/12/08 11:15 | 348 | Nolan Canal | 1a,1c | 1b,1c,2f | 1b | 1a,1b | 0.7 |
| 03/23/08 15:38 | 900 Blk | Whitney Av / Homer | 03/23/08 15:45 | 03/23/08 17:30 | 448 | Whitney Av Canal | 1a,1c | 1b,1c,1d | 1b | 1a | 0.1 |
| 03/25/08 17:24 | 180 | Pinewood Ct / Cypress Acres Dr | 03/25/08 18:45 | 03/25/08 20:00 | 624 | Gen De Gaulle Canal | 1a,1c,1d | 1b,1c,1d | 1b | 1a,1b | 1.4 |
| 03/25/08 17:24 | 194 | Pinewood Ct / Cypress Acres Dr | 03/25/08 18:45 | 03/25/08 20:00 | 624 | Gen De Gaulle Canal | 1a,1c,1d | 1b,1c,1d | 1b | 1a,1b | 1.4 |
| 03/26/08 09:35 | 3040 | Hudson / Maine | 03/26/08 10:30 | 03/26/08 11:30 | 460 | Gen De Gaulle Canal | 1a,c | 1b,1c,2f | 1b | 1a,1b | 0.9 |
| 03/31/08 07:54 | 194 | Pinewood Ct / Cypress Acres Dr | 03/31/08 08:30 | 03/31/08 11:00 | 744 | Gen De Gaulle Canal | 2b | 1b,2f | 2a | 1a,1b | 0.6 |

* Two (2) sewer manholes
** Three (3) sewer manholes
*** Multiple Manholes in Several Block Area
**** Sewer Station Off Line
\# Severe Weather

March 2008 - Sewer House Connection Overflows

| | DATE | SR # | W O # | ADDR | STREET | CROSS |
|---|---|---|---|---|---|---|
| **EASTBANK LOCATIONS** | | | | | | |
| 1 | 3/3/2008 | 12483411 | 200800381001 | 2706-08 | Robert | Willow |
| 2 | 3/5/2008 | 12483730 | 200800400601 | 1000 | Race | Constance |
| 3 | ####### | 12484227 | 200800444001 | 6951 | W Laverne | Pines Bl |
| 4 | ####### | 12484475 | 200800456001 | 1401 | St Andrew | St Mary |
| 5 | ####### | | 200800463701 | 2343 | Annunciation | Philip |
| 6 | ####### | 12484770 | 200800482701 | 3407-09 | Frenchmen | Pleasure |
| 7 | ####### | 12484892 | 200800486301 | 3326 | Tulane Av | S Jefferson Davis Pk |
| 8 | ####### | 12484925 | 200800487101 | 2639 | Marengo | Magnolia |
| 9 | ####### | 12484936 | 200800488701 | 721 | St Ferdinand | |
| 10 | ####### | 12484938 | 200800487001 | 3326 | Tulane Av | S Jefferson Davis Pk |
| 11 | ####### | 12484971 | 200800490401 | 7260 | Bunker Hill Rd | S Bunker Hill Rd |
| 12 | ####### | | 200800495801 | 6110 | S Claiborne Av | |
| 13 | ####### | 12485378 | 200800519201 | 13228 | Willowbrook Dr | St Helena Pl |
| 14 | ####### | 12485393 | 200800519601 | 3407 | Frenchmen | Pleasure |
| 15 | ####### | 12485565 | 200800531701 | 3223 | 3rd | S Prieur |
| 16 | ####### | 12485720 | 200800539401 | 1428 | Monroe | Jeannette |
| 17 | ####### | 12485850 | 200800549301 | 3703 | Laurel | Amelia |
| 18 | ####### | 12486211 | 200800571701 | 3938 | Franklin Av | Clematis |
| **WESTBANK LOCATIONS** | | | | | | |
| 1 | ####### | 12484254 | 200800446601 | 3307 | Memorial Park Dr | Texas Dr |

January 26, 2006

Agency Interest #: 68979

Sewerage & Water Board of New Orleans

2901 Eads

New Orleans, LA 701225873

Attention: Waste Tire Generator

The Department has recently updated its data system relating to the Waste Tire Program. Attached you will find a Waste Tire Generator Notification form reflecting the information on your facility's status relating to waste tires in our new data system.

The attached notification form needs to be reviewed by your facility's authorized agent. If there are any additions or modifications required, please make your adjustments on this form. The form should then be signed, dated, and returned to the address at the top of the form. If the documented information is correct on the form, you are required to sign and date the form and return it to the Department. This Waste Tire Generator Notification form must be returned to the Department no later than two weeks from the date of this letter.

If the department does not receive your form within the two week period, we will consider your business inactive and your facility identification numbers will be deactivated. This action by the department will be forwarded to the permitted waste tire processors in the state, and your tires will no longer be eligible for pick up by an authorized waste tire transporter.

The department's Audit Staff and regional Surveillance Division inspectors will be monitoring all inactivated facilities for violations of the waste tire regulation. Any violation of the Waste Tire Regulations is subject to enforcement actions in accordance with Title 33, Part VII, Subpart 2; 10537.

Also included is a copy of the revised Waste Tire Fee Report for reporting tire sales and submitting the associated Waste Tire fees. Facilities with active WT numbers are required to submit these reports and should begin using this form for the February reporting period. A electronic copy of this form can be obtained from the Departments website at (http://www.deq.louisiana.gov/portal/Default.aspx?tabid=2327).

If you have any questions, contact the Financial Services Division at (225) 219-3863.

TC:JB:fc

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
Financial Services Division

# WASTE TIRE GENERATOR NOTIFICATION FORM

GENERAL INFORMATION: Use ink, and print or type all items except where a signature is required. *Forms completed in pencil will not be accepted. A separate form must be completed for each facility/location.*

RETURN COMPLETED FORM TO: LDEQ Financial Services Division
Post Office Box 4303
Baton Rouge, LA 70821-4303
Phone: (225) 219-3863 Fax: (225) 219-3868

DEQ Facility No: 13547 DEQ Account No: WT *(To be assigned by the Department)* **AI No: 68979**

## I. Type of Application

☐ New/ First Time Application ☐ Change of Ownership *(See Section III below)* ☐ Facility Name Change ☐ Location Change *(See Section III below)* ☐ Information Update

## II. Applicant Information

| | |
|---|---|
| Name of Business/ Government or Organization: *Sewerage & Water Board of New Orleans* | Business/ Property Owner: |
| | Contact Person if Different from Owner: |
| Physical Location/ Street Address: *2901 Eads* | Business Mailing Address: *2901 Eads* |
| City, State, Zip: *New Orleans, LA 701225873* | City, State, Zip: *New Orleans, LA 701225873* |
| Parish: *Orleans* | Business Phone No *5049423921* |
| Number of Locations owned by this company/ owner: | Business Fax No: |
| Federal Tax ID No: | State Tax ID No: |

## III. Previous Ownership or Location Information *(If change of ownership or new location complete information below)*

| | | |
|---|---|---|
| Previous Owner's Name: | Physical Address of Location (No PO Box) | Previous Location's Facility No: |
| Previous Location's Account No: | | |

## IV. Waste Tire Generator Type: *( Check all that apply)*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | New/ Used Tire Dealer (RS/O) | | Tire Generator-No Sales (RG) | | Parish/DOTD Tire Collector Site (RA) | | |
| | Collection Facility (RC) | | Ineligible Tires/Landfills (RI) | | One Time Cleanup (SRG *** | | Trash Bash (TB) |

## V. Site Information: *( For one time cleanup or trash bash applications only)*

| | | | | | | |
|---|---|---|---|---|---|---|
| | Number of Tires | | | Proposed Event Day: | | |
| | How were these tires generated? | | | | | |
| | Promiscuous Dump | | Found On Property | | Called in complaint | | Other |

Authorized Transporter to be used: _____

Permitted Processor to be used: _____

## VI. Generation of Tires:

| | | | | | | |
|---|---|---|---|---|---|---|
| Type of tires to be sold: *(Check all that apply)* | | | New | | Used | |
| Functions of Business: *(Check all that apply)* | | New Car Dealer | | Used Car Dealer | | Retread Facility |
| | | Wholesale Tire Sales (New/ Used) | | | | Maintain National Accounts |
| | | Salvage/ Fleet Operator | | Military Installation | | Airline |
| | | Provides a service with consignment tires | | | | |
| | | Other | | | | |
| Exemptions to be used: *( Check all that apply)* | | Tires Sold on Used Car* | | ATV Off Road Tires | | |
| | | Go/ Golf-Cart Tires | | Yard Equipment ** | | |
| | | Bicycle Tires | | | | |

## VII. Certification

| | |
|---|---|
| * | Must have documentation for each car sale and that new tires were put on the car prior to sale |
| ** | Tires used on small yard equipment such as lawnmowers, edger, wheelbarrow, etc. |
| *** | Applicants for one-time cleanup - Please be aware that if you own or operate a business that the agency considers to be a generator of waste tires you are not eligible for a one-time cleanup number. |

I have personally examined and am familiar with the information submitted in this document and LAC 33:VII.Chapter 105, and hereby certify under penalty of law that this information is true, accurate, and complete to the best of my knowledge. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

_____ Authorized Signature _____ Date

_____ Print Name _____ Title of Signatory

BOBBY JINDAL
Governor

HAROLD LEGGETT, PH.D.
Secretary

# Louisiana Department of Environmental Quality
## Office of Environmental Compliance

February 11, 2008

CERTIFIED MAIL (7003 2260 0000 5826 1125)
RETURN RECEIPT REQUESTED

New Orleans Sewerage & Water Board
c/o Vincent Fouchi, Jr.,
8800 South Claiborne Avenue
New Orleans, LA 70118

**RE: CARROLLTON WATER PLANT**
**WARNING LETTER**
**ENFORCEMENT TRACKING NO. WE-L-08-0142**
**AI No. 5001**

Dear Sir:

On or about October 26, 2007, an inspection of the above referenced facility was conducted to determine compliance with the Louisiana Environmental Quality Act and supporting regulations. The inspection report, noting areas of concern, has been forwarded to the Enforcement Division. All violations at your facility will be taken into consideration in determining what further actions this office will take.

We strongly encourage you to review the findings of our most recent inspection and immediately take any and all steps to ensure compliance with all environmental regulations at your facility.

Please address any questions or comments regarding this potential civil enforcement matter to Jeany Anderson-Labar at (225) 219-3729, or send written comments to the address below.

Sincerely,

Peggy M. Hatch
Assistant Secretary

PMH/JALB/jalb
Alt. ID No. LA0000086

Post Office Box 4312, Baton Rouge, Louisiana 70821-4312
(225) 219-3700 Phone (225) 219-3708 Fax
www.deq.louisiana.gov

BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

# State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

JUN 1 6 2008

CERTIFIED MAIL 7008 0150 0003 4519 6791
RETURN RECEIPT REQUIRED

Agency Interest No.: 5001
Permit No.: LA0000086
Activity No.: PER20070001

Mr. Gordon Austin, Chief
Environmental Affairs Division
Sewerage and Water Board of New Orleans
625 St. Joseph Street
New Orleans, LA 70165

Re: Carrollton Water Plant, located at 8800 South Claiborne Avenue in New Orleans, Orleans Parish

Dear Mr. Austin:

Your renewal application was received January 15, 2008, for the Carrollton Water Plant for reissuance of LPDES Permit LA0000086, has been reviewed.

As last stated by email to Mr. Vincent Fouchi on May 12, 2008, specific characteristics of the boiler blow down and softener regeneration wastewater are still needed before the permit renewal process can proceed. In particular, the Daily Maximum and Monthly Average flow (gpd), pH (s.u.), Temperature (°F), and the approximate discharge schedule for the boiler blow down prior to mixing with other waters are needed. Also, the Daily Maximum and Monthly Average flow (gpd), pH (s.u.), and the chlorides concentration (mg/l) for the softener regeneration wastewater prior to mixing with other waters are needed.

Submit this data within 30 days to this office at the address printed on the bottom of this letter. Please be aware that LAC 33:IX.2311.A.1 requires a permit for the discharge of pollutants from any point source into waters of the State; unpermitted discharges are subject to enforcement action.

If you have any questions, please call me at (225) 219-3091 in the Municipal and General Water Permits Section.

Carrollton Water Plant
AI No.: 5001
Permit No.: LA0000086

Sincerely,

Bonnie Wascom

Bonnie Wascom, Environmental Scientist II
Municipal and General Water Permits Section

Attachment: Correspondence

ec: Bonnie Wascom
Permits Division

Vincent Fouchi
Sewerage and Water Board of New Orleans
vfouchi@swbno.org

c: IO-W

## Bonnie Wascom

**From:** Bonnie Wascom
**Sent:** Monday, May 12, 2008 9:57 AM
**To:** 'FOUCHI, Vincent'
**Subject:** RE: Information Requested

Vincent,

For the Boiler Blow Down I need:

-Daily Maximum and Monthly Average flow (gpd)
-pH (s.u.)
- Temperature (°F)
-Approximate discharge schedule (I know it varies and depends on chemical build up, I just need something approximate)

For the Softener Regeneration Wastewater I need:

-Daily Maximum and Monthly Average flow (gpd)
-pH (s.u.)
-Chlorides (mg/l)

I believe this is all I need.
Thanks,

Bonnie F. Wascom

**From:** FOUCHI, Vincent [mailto:VFOUCHI@swbno.org]
**Sent:** Monday, May 12, 2008 9:23 AM
**To:** Bonnie Wascom
**Subject:** RE: Information Requested

Bonnie,
I kind of lost track of where we stand on the Carrollton permit renewal. Can you please update me on what we still owe you before we can move forward. I know we need to do some sampling, but beyond that I am not sure. Thanks for your help.
Vincent

-----Original Message-----
**From:** Bonnie Wascom [mailto:Bonnie.Wascom@LA.GOV]
**Sent:** Monday, April 14, 2008 9:44 AM
**To:** FOUCHI, Vincent
**Subject:** RE: Information Requested

What you sent me is fine. I will make sure it gets into our file.

Bonnie F. Wascom

**From:** FOUCHI, Vincent [mailto:VFOUCHI@swbno.org]
**Sent:** Monday, April 14, 2008 9:40 AM
**To:** Bonnie Wascom
**Cc:** BELTEAU, George
**Subject:** RE: Information Requested

Great! Should this overview be included officially somehow as part of the application, or is what George prepared sufficient?
Vincent

-----Original Message-----
**From:** Bonnie Wascom [mailto:Bonnie.Wascom@LA.GOV]
**Sent:** Monday, April 14, 2008 9:22 AM
**To:** FOUCHI, Vincent
**Subject:** RE: Information Requested

Vincent,

The improved overview is much better.

Thanks,

Bonnie F. Wascom

**From:** FOUCHI, Vincent [mailto:VFOUCHI@swbno.org]
**Sent:** Friday, April 11, 2008 2:49 PM
**To:** Bonnie Wascom
**Subject:** FW: Information Requested

Bonnie,
George's improved overview is attached. Please look at it and see if it meets our needs. Thanks
Vincent
-----Original Message-----
**From:** BELTEAU, George
**Sent:** Thursday, April 10, 2008 11:12 AM
**To:** FOUCHI, Vincent
**Subject:** RE: Information Requested

Vince,
Does this look like enough substance?

> -----Original Message-----
> **From:** FOUCHI, Vincent
> **Sent:** Wednesday, April 09, 2008 2:05 PM
> **To:** BELTEAU, George
> **Cc:** MOEINIAN, Bob
> **Subject:** FW: Information Requested
>
> George,
> As per Ms. Wascom's request, please give some substance to your power plant description. I also still need original or clean copies of the MSDS for the boiler water treatment chemicals. I will get with Networks Engineering to clean up the route map and create another "Section 2" for the application. Thanks for your assistance.
> Vincent
> -----Original Message-----
> **From:** Bonnie Wascom [mailto:Bonnie.Wascom@LA.GOV]
> **Sent:** Wednesday, April 09, 2008 10:20 AM
> **To:** FOUCHI, Vincent
> **Subject:** RE: Information Requested
>
> Mr. Fouchi,
>
> I appreciate you sending me what you have so far. The description of the power plant operations is a bit bare. It doesn't say anything about softening the water or about the wastewater discharges or where the water comes from. I know a lot of this from the site visit, but we need it for our records. The purpose of this description is to help me (and whoever reviews the permit) get a picture of the process and how and why wastewater is generated. I

was sort of looking for a step-by-step format or even a flow diagram showing where the water goes.

Since there are two different discharges from the power plant I will need an additional Section II addressing the discharge from the other outfall (Outfall 003 – softener wastewater). Because the boiler blowdown and the softener wastewater do not commingle on plant property, I will need the requested analysis done on a sample of each discharge individually, instead of a combined representative sample.

The route map looks great. I can't tell which outfall is 002 (boiler blowdown) and which is 003 (softener wastewater). Also, I can't tell at what point the discharges actually leave the property of the plant. And, I don't see the 17th street canal on the route map. Is it all of the open canal or just the part after the pumping station? If you could have these things clearly indicated, I would appreciate it.

Please contact me if you have any questions.

Thanks,

Bonnie F. Wascom

**From:** FOUCHI, Vincent [mailto:VFOUCHI@swbno.org]
**Sent:** Friday, April 04, 2008 10:27 AM
**To:** Bonnie Wascom
**Subject:** Information Requested

Bonnie,
Does the information in the attachement provided by George Belteau provide enough information relative to the questions answered? Also, it appears that the discharge from the softener recharge takes a different route off the property than the boiler blowdown. How does this affect our application? I should have the map soon. I reviewed the draft copy today anf there were only a few minor revisions necessary.

Vincent P. Fouchi, Jr.
Water Purification Superintendent
Sewerage & Water Board of New Orleans
Engineering Building, Room 100
8800 S. Claiborne Avenue
New Orleans, Louisiana 70118
(504) 865-0405 Office
(504) 865-0403 Fax

-----Original Message-----
**From:** BELTEAU, George
**Sent:** Friday, April 04, 2008 8:41 AM
**To:** FOUCHI, Vincent
**Subject:** RE:

As per our recent conversation, see the attached.

> -----Original Message-----
> **From:** FOUCHI, Vincent
> **Sent:** Tuesday, March 25, 2008 9:18 AM
> **To:** BELTEAU, George
> **Cc:** MOEINIAN, Bob; LAVOIE, Chad
> **Subject:** FW:
>
> George,

I am forwarding this email for your attention. Please compile and provide the information requested to me for forwarding to DEQ. We will get together soon to arrange for the water quality analysis requested. Thanks for your assistance.
Vincent

-----Original Message-----
**From:** Bonnie Wascom [mailto:Bonnie.Wascom@LA.GOV]
**Sent:** Tuesday, March 25, 2008 9:14 AM
**To:** FOUCHI, Vincent
**Subject:**

Mr. Fouchi,

I really appreciate you taking the time to show us around your facility. It was definitely one of the more memorable and informative site visits we have ever been on. I have compiled a list of the analysis and other information I require for the power plant wastewater. I appreciate your continued assistance with this permit.

Please determine the following from a representative sample of the combined wastewaters:

-Total Flow (gpd) – Daily Maximum and Monthly Average
-pH (s.u.)
-Chlorides (mg/l)
-Temperature (°F)

Other information I need:

-Softener regeneration wastewater flow (gpd)
-Approximate discharge schedule for both wastewater sources individually
-Overview of power plant operations with particular focus on the use, treatment, and discharge of water.
-Distance from the point at which the wastewaters commingle to the point at which the wastewaters leave the property

Hopefully this is all I will need. Please contact me if you have any questions.

Thanks,

Bonnie F. Wascom
LDEQ Water Permits
(225) 219-3091

7008 0150 0003 4519 6791

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Mr. Gordon Austin, Chief
Environmental Affairs Division
Sewerage and Water Board of New Orleans
625 St. Joseph Street
New Orleans, LA 70165

*Sen*

*Stre*
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*City, State, ZIP+4*

PS Form 3800, August 2006 See Reverse for Instructions