GZA GeoEnvironmental, Inc. Engineers and Scientists

October 1, 2010 File No. 05.0043654.00-C



530 Broadway Providence Rhode Island 02909 401-421-4140 Fax: 401-751-8613 http://www.gza.com Mr. Joseph Martella Rhode Island Department of Environmental Management Office of Waste Management 235 Promenade Street Providence, Rhode Island 02908

Re: Short-Term Response Action Plan Closure Report MGP-Residuals Roadway Remediation Former Tidewater Facility Pawtucket, Rhode Island RIDEM Case No. 95-022

Dear Mr. Martella:

On behalf of The Narragansett Electric Company d/b/a National Grid (National Grid), GZA GeoEnvironmental, Inc. (GZA) is pleased to provide you with this *Short Term Response Action Closure Report* for the Former Tidewater Facility located in Pawtucket, Rhode Island (herein referred to as the "Site"). The Short Term Response Action has been completed in accordance with Rule 6.00 of the <u>Rules and Regulations for the Investigation</u> and Remediation of Hazardous Materials Releases (Remediation Regulations, DEM-DSR-01-93, as amended). Response actions were completed consistent with GZA's January 2007 *Short Term Response Action Plan* (STRAP) which was approved in the Department's February 6, 2007 letter. The Short Term Response Actions described herein were implemented to address the presence of Manufactured Gas Plant (MGP) residuals (*i.e.*, blue-stained soils) present in near surface materials in certain portions of the roadways/access ways and parking areas in the vicinity of the substation.

BACKGROUND

This Site was the location of the former Tidewater Manufactured Gas Plant (MGP) and the former Pawtucket No. 1 Power Station. The majority of the Site is currently vacant with the exception of an active natural gas regulating station, and active switching and electrical substations; both owned and operated by National Grid. The Site consists of approximately 28 acres located on the western bank of the Seekonk River. A Site *Locus Plan* is included as Figure 1.

Certain portions of the unpaved access road and parking areas located to the south and southeast of the substation exhibited visual evidence of blue staining at the ground surface. This observed staining is typically associated with potentially cyanide-impacted material. The access road and parking areas are utilized by National Grid service trucks, and as such, the surface soils are prone to disturbance associated with vehicle traffic. The approximate area exhibiting this surface staining is depicted on the attached Figure 2, *Roadway Remediation Plan*.



On January 21, 2007, a STRAP to remove the blue-stained near surface materials within the roadway and parking area was submitted to RIDEM; additional information was provided in a memorandum dated July 10, 2007 entitled "Pre-characterization Soil Sampling and Analytical Results," and a STRAP Modification dated October 14, 2009. RIDEM subsequently approved both the original STRAP and the STRAP modification. In addition, Coastal Resource Management Council (CRMC) Assents were secured for the approved work prior to implementation of the response action. Due to timing of the field activities, two CRMC Assents were obtained: A2007-03-014 and A2010-04-009.

SHORT TERM REMEDIAL RESPONSE ACTIONS

As previously indicated, the intent of the proposed plan was to address the blue-stained surface materials observed within the roadway and parking areas along the south and southeastern portion of the substation. The STRAP activities described herein were implemented between January 2010 and May 2010. These activities included shallow excavation of visually stained materials along portions of the unpaved access road and parking area located south and southeast of the substation to an approximate depth of 1 foot below existing grade. The excavated materials were then relocated and placed in a low-lying area located south of the roadway as shown on Figure 2. The excavated roadway and parking areas were subsequently restored via placement of a 20 mil polyethylene liner over the base of the excavation followed by placement of bedding sand and a lift of processed material to match the pre-excavation grade. In addition, a cap was installed in the low-lying area immediately adjacent to the southern side of the roadway, as shown on Figure 2. This cap consisted of the placement of a 20-mil polyethylene liner over the existing surface of the low-lying area and the placement of bedding sand followed by a lift (approximately 3-inch thick) of trap rock. New chain link fencing with access gates was installed parallel to the roadway to limit future disturbance to surface soils beyond the capped areas. Per the July 10, 2007 memorandum, in the event that blue ash/organic material were encountered within the excavation work (indicative of potentially material due to low pH), these materials would not be removed but rather capped in-place. Figure 2 depicts the location and limits of the final capped surfaces and relocated soil areas.

The following sections present further details of the activities performed as part of this STRAP.

EARTHWORK

The earthwork activities were performed by T. Ford Company, Inc. (TFord) of Georgetown, Massachusetts. A GZA representative was onsite to oversee and document all remedial activities. Refer to Attachment A for photographs of the work performed. As described further herein, STRAP activities were originally initiated in mid January 2010; however, due to encountering frozen materials, the majority of the project was performed between May 3, 2010 and May 12, 2010.

Prior to the start of excavation, erosion and sedimentation controls, consisting of hay bales and silt fence were installed along the fence line to the east of the work area, adjacent to the waterfront area, consistent with the January 2007 STRAP and CRMC Assent. Refer to Figure 2 for approximate location of the installed erosion controls.



Earthwork included excavation of the roadway area to a depth of approximately 1 foot, relocation of the excavated material to the low-lying area as shown on Figure 2 and restoration of the roadway area. In addition, along the sections of the roadway which were disturbed and capped, the areas adjacent to the roadway were capped with trap rock consistent with the STRAP. Earthwork began in the roadway along the southwestern corner of the substation and proceeded towards the east for approximately 110 feet (refer to Figure 2). Due to the unexpected Site conditions (i.e., frost line extended to approximately 2 feet below grade), conditions were encountered which affected the extent of excavation of impacted material within the roadway. Specifically, in order to remove the upper 1 foot of the roadway as planned, the frozen ground required the use of a hammer jack to loosen the surface soil. Based on visual observation and pre-characterization data presented in our July 10, 2007 memo, some blue-stained material associated with the roadway area was deemed to be potentially hazardous due to low pH. This material was described as blue ash/organic material in our July 2007 memo. In loosening the frozen upper 1 foot of the roadway, some blue-stained ash/organic-like material at a depth of approximately 1 to 9 inches below grade was disturbed. This blue-stained material was initially encountered approximately 50 feet east of the southwestern corner of the substation, and extended approximately 30 feet further to the east and was approximately 15 feet wide, as noted on Figure 2. As previously indicated, per the July 10, 2007 memorandum, these materials were not planned for removal. Due to the frozen nature of the material, however once disturbed, these materials could not be properly backfilled and compacted. These bluestained ash/organic-like materials were visually segregated from other soils excavated from the roadway area. Approximate 45 cubic yards (CY) were temporarily stockpiled on and covered with 20-mil polyethylene sheeting in the low-lying area south of the roadway (see Figure 2) and separated from the other excavated STRAP material.

GZA collected composite soil samples the stockpile for laboratory pH analysis and waste characterization. The pH stockpile composite samples (Composite North and Composite South) were collected on April 19, 2010 and submitted to ESS Laboratories located in Cranston, Rhode Island for analysis. The waste characterization sample (Roadway Stockpile) was collected on April 22, 2010 and was submitted to GZA's Environmental Chemistry Laboratory (ECL) located Hopkinton, Massachusetts for the following analytical testing: VOCs via EPA Method 8260B, SVOCs via EPA Method 8270C, polychlorinated biphenyls (PCBs) via EPA Method 8082, TPH via EPA Method 8100M, RCRA-8 Metals via EPA Method 6010B/7471A, total cyanide via EPA Method SW-846/9010 and reactivity (cyanide and sulfur). Based on the results of the pH and waste characterization testing, the segregated stockpile was determined to be nonhazardous (*i.e.*, pH was greater than 2 standard units). On May 25 2010, all stockpiled materials (51.83 tons) were transported off-Site to Environmental Soil Management, Inc. (ESMI) in Loudon, New Hampshire for thermal desorption. Please see Attachment B for analytical results and shipping records.

Due to the difficulties encountered in excavating the frozen roadway material to the appropriate depth, it was decided in January 2010 to suspend additional earthwork activities until the weather improved. The excavated area was lined with 20 mil polyethylene liner, and covered with an approximately 3-inch lift of bedding sand and an approximately 9-inch lift of processed material. Additional processed material was added to form a crown in the roadway to allow for proper runoff. All processed material was then



compacted using a vibratory compactor roller. The adjacent low-lying area to the south of the excavated roadway area was capped with a 20 mil polyethylene liner, and then covered with an approximate 3-inch lift of bedding sand and then an approximate 3-inch lift of trap rock. All further STRAP activities were suspended for the winter.

STRAP activities were re-initiated on May 3, 2010. Work began in the access road and low-lying area to the south of the roadway. Excavation and restoration activities proceeded to the east as shown in the shaded areas presented on Figure 2. Earthwork was completed by May 12, 2010.

With the exception of the limited areas where blue ash/organic material was encountered at depths of approximately 2 to 4-inches below grade, as depicted on Figure 2, excavation during the May 2010 Site work was extended down to approximately 1- foot below grade within the roadway and parking areas consistent with the January 2007 STRAP. The roadway cap was then installed as follows: placement of a 20 mil polyethylene liner, overlain with an approximate 3-inch thick lift of bedding sand and then an approximate 9-inch thick lift of processed material. In the area where only 2 to 4-inches of material excavated (Figure 2), the cap was modified to include the 20 mil polyethylene liner, an approximate 2-inch thick lift of bedding sand and an approximate 6-inch thick lift of processed material. Additional processed material was added to form a crown in the roadway to allow for proper runoff. All processed material was compacted using a vibratory compactor roller. In the low lying area to the south of the access road, a cap was placed over the existing surface soils consistent with the STRAP. This cap consisted of a 20 mil polyethylene liner, overlain with an approximately 3 inch lift of bedding sand and an approximately 3 inch lift of trap rock.

During the May 2010 Site activities, it was noted that certain limited areas of the adjacent low lying area located to the south and east of the original STRAP work limits contained blue-stained surface soils. Based on these observations, the cap over the existing low lying area adjacent to the roadway was extended approximately 50 feet east and 20 feet south for a length approximately 150 feet along the roadway beyond what was originally proposed in January 2007 STRAP. This area of additional capping was installed consistent with the other capped areas. GZA verbally notified Mr. Thomas Medeiros of CRMC regarding this modification as the additional capped area is located within the 200 foot CRMC jurisdictional limit. Based on this communication, the modification was acceptable to CRMC. Mr. Medeiros requested a brief description and sketch showing the additional cap areas for CRMC files, which was emailed to his attention on April 30, 2010.

Approximately 570 CY of material was excavated from the access roadway and parking area located south of the substation during this Short Term Response Action; approximately 230 CY was excavated during the January 2010 field work and approximately 340 CY was excavated during the May 2010 field work. All excavated material was relocated to the low lying area to the south of the roadway as described in the STRAP (refer to Figure 2). Materials which were relocated to this low lying area were graded to the extent practical to match the grade of the surrounding ground surface to limit the potential for erosion.



Following completion of the earthwork activities, a 6-foot high chain-link fence, with gates, was installed parallel to the roadway and restored cap areas. The fence extends for approximately 350 feet from the south western corner of the roadway cap to the existing fence that is parallel to the Seekonk River, as depicted on Figure 2.

IMPORTED SOIL/ANALYTICAL TESTING

Imported material used for this STRAP consisted of bedding sand (approximately 153 CY), processed gravel (approximately 561 CY) and 1-inch trap rock (approximately 51 CY). This material was used to construct the access road cap and low-lying area trap rock cap. The material was obtained from Material Sand Stone and Concrete (MSSC) of North Smithfield, Rhode Island.

In accordance with the RIDEM-approved STRAP, pre-characterization samples were collected of the imported bedding sand and processed gravel prior to transport to the Site. Samples were collected by TFord on January 7, 2010 and April 30, 2010 from MSSC to evaluate whether the material could be used for cap material. Consistent with RIDEM requirements, the material was tested for the following parameters at the specified sampling interval.

Analyte	EPA	Frequency of Testing
	Method	
Total Petroleum Hydrocarbons	8100M	One compliance sample of clean fill every
(TPH)		2,000 CY
Volatile Organic Compounds	8260B	One compliance sample of clean fill every
(VOCs)		2,000 CY
Semi-Volatile Organic Compounds	8270C	One compliance sample of clean fill every
(SVOCs)		2,000 CY
Priority Pollutant Metals (13)	6010 &	One compliance sample of clean fill every
	7471A	2,000 CY
Arsenic	6010	One compliance sample of clean fill every
		500 CY

For the volumes of bedding sand and processed gravel, one sample for TPH, VOCs, SVOCs and Priority Pollutant 13 metals were submitted for analysis. For the processed gravel, one additional soil sample was submitted for arsenic testing. Analytical results were compared to the Method 1 Residential Direct Exposure Criteria (R-DEC) to evaluate its suitability for on-Site use as capping material. Laboratory testing results for all the soil capping samples were below the R-DEC. Copies of the laboratory reports are included as Attachment C.

DEVIATIONS FROM STRAP

As described previously, all STRAP activities were observed by GZA. Deviations from the original plan were as follows:

• Partially frozen, blue stained ash/organic-like materials were disturbed and could not be used as backfill due to the winter conditions. These materials were stockpiled separately and subsequently disposed off-Site at ESMI.



• The low lying cap located south of the roadway was extended approximately 50 feet east and 20 feet south for approximately 150 feet along the roadway to cover an additional approximate 4,550 square feet of observed blue stained materials.

SUMMARY

In GZA's opinion, the remedial activities have been completed in general accordance with the *Short Term Response Action Plan*. Accordingly we request the issuance of a No Further Action Letter for these completed response actions.

We trust this information fulfills your needs. If you have any questions or comments please feel free to call Margaret Kilpatrick 401-421-2719.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Margaret S. Kilpatrick, P.E. Senior Project Manager

for James J. Clark, P.E. Principal

MSK/JJC:tja

Attachments:

Figure-1 Locus Plan Figure-2 Roadway Remediation Plan

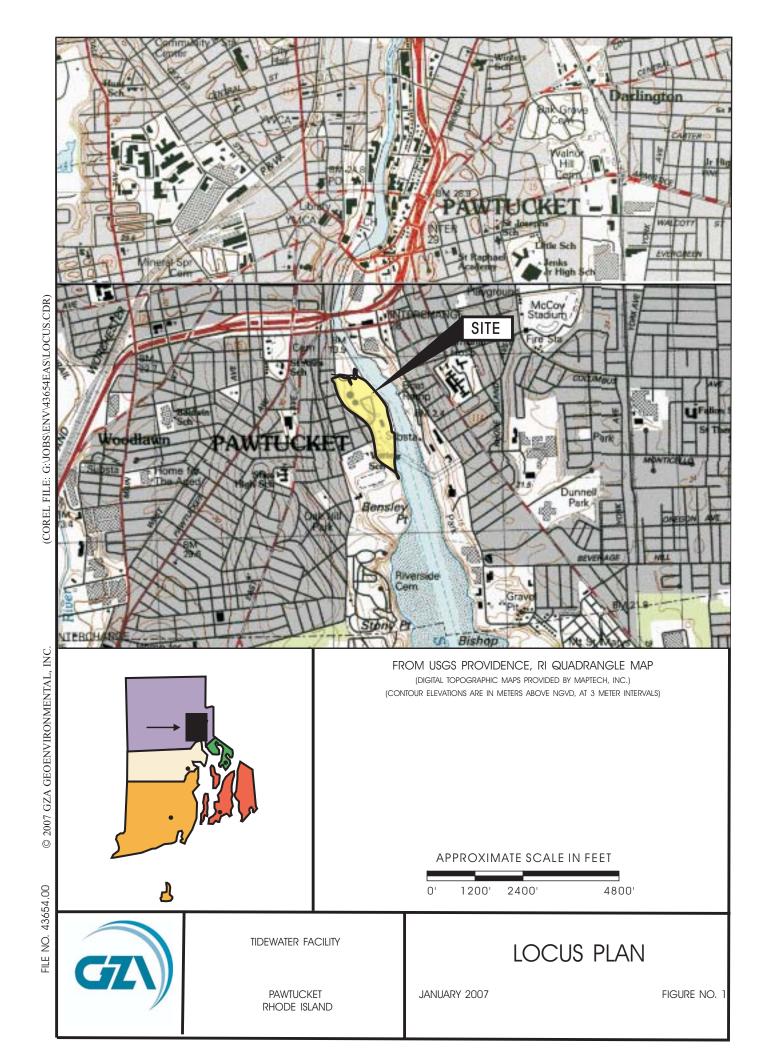
A- PhotographsB- Stockpile Analytical Data and Disposal SlipsC- Imported Material Analytical Data

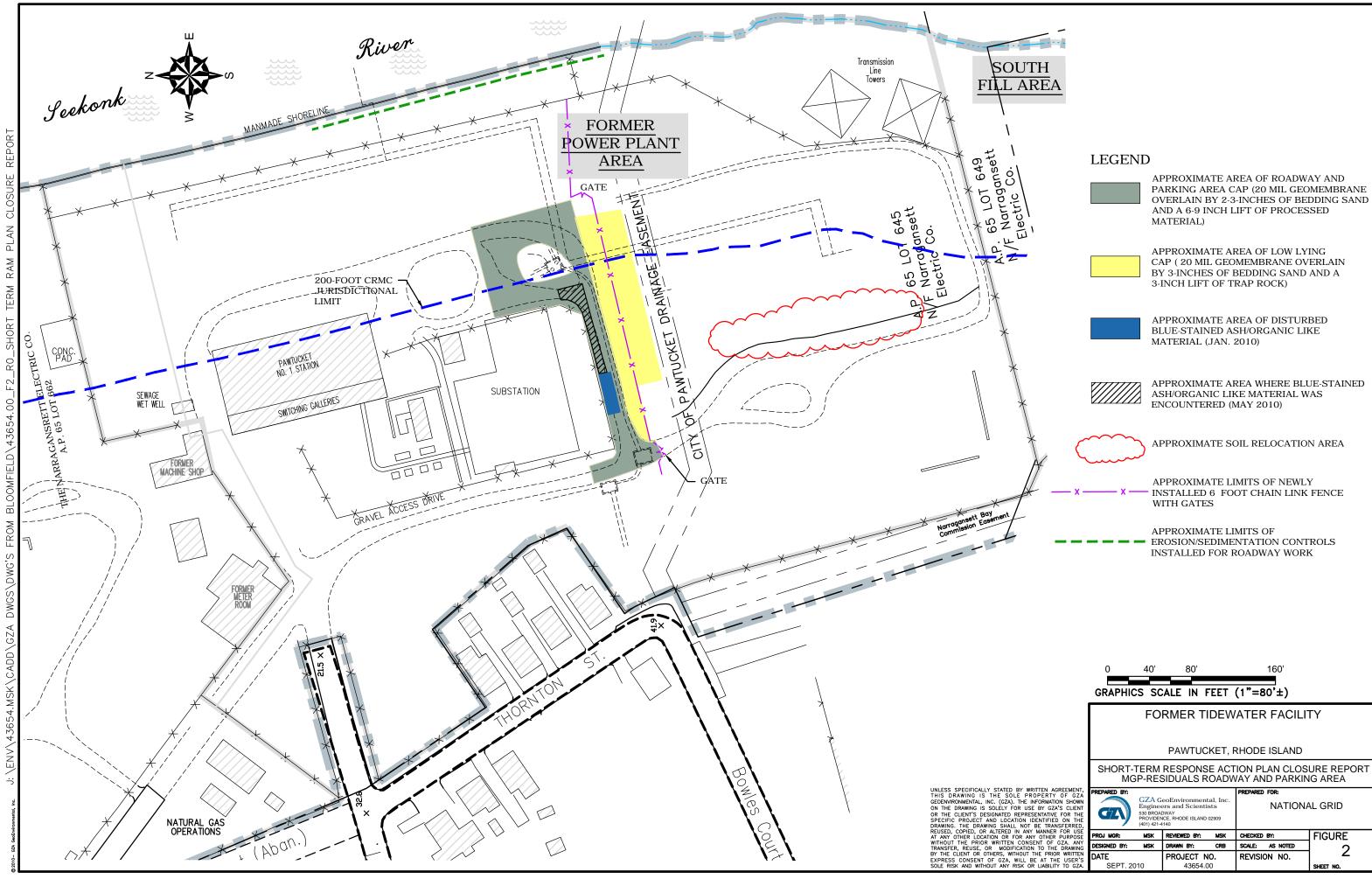
cc: Michele Leone, National Grid

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John P. Hartley Project Reviewer

FIGURES





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ATTACHMENT A

PHOTOGRAPHS





Photo No. 1 - Silt fence and hay bales installed down gradient of work area along fence adjacent to Seekonk River.



Photo No. 2 - T-Ford breaking up frost in roadway in western portion of work area (January 2010).





Photo No. 3 - Frost layer with blue-stained ash/organic like material encountered in January 2010.



Photo No. 4 - T-Ford spreading out processed gravel layer above bedding sand (January 2010). File No. 43654 - September 2010- Page 2





Photo No. 5 - T-Ford spreading lift of trap rock over the low lying area located on the southern side of the roadway (January 2010)



Photo No. 6 - Restored roadway and low lying cap area at completion of work in January 2010.





Photo No. 7 - Segregated stockpile of blue-stained material located in soil relocation area (January 2010). Material placed on and covered with polyethylene sheeting.



Photo No. 8 - T-Ford continues excavating roadway in May 2010. Blue stained ash-organic like material within 2 to 3 inches ground surface within roadway area.





Photo No. 9 - T-Ford placing poly liner, bedding sand and processed material within eastern portion of work area in May 2010.



Photo No. 10 - T-Ford excavating roadway/parking areas in May 2010.





Photo No. 11 - T-Ford extending low lying area cap south and east of original work limits (May 2010).



Photo No. 12 - T-Ford grading and compacting roadway (May 2010).





Photo No. 13 - T-Ford regrading excavated roadway and parking area material within relocation area (May 2010). Blue-stained material stockpile from January 2010 work is located in the foreground.



Photo No. 14 - Finshed roadway and low lying area cap with fence.





Photo No. 15 - Finished roadway and parking area cap.



Photo No. 16 - Finished roadway and low lying area cap and fence.





Photo No. 17 - Finshed extended low lying area cap.

ATTACHMENT B

STOCKPILE ANALYTICAL DATA AND DISPOSAL SLIPS

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Invoicing Report

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ATTACHMENT C

IMPORTED MATERIAL ANALYTICAL DATA



618 Greenville Road, North Smithfield, Rhode Island 02896 (401) 453-1110 • (401) 232-3010 • FAX (401) 767-2070

January 8, 2010

T. Ford Company, Inc., 118 Tenney Street Georgetown, Ma 01833

Attention; Dan Galante

Fax 978-352-7943

Re; National Grid, Pawtucket, R. I

Dear Mr. Galante;

Per your request please be advised that the common fill borrow product to be delivered to the above mentioned project is a single source material originating in our gravel pit in North Smithfield, R. I. It does not contain any foreign or deleterious materials.

Please call me if there are any further questions.

Very truly yours;

Robert & Baline

Robert Babine, Technical Director, 401-639-4168, robertbabine@materialconcrete.com





Time

8:00

15:40

Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Draft Progress Report

January 12, 2010

FOR: Attn: Mr. Dan Galante T Ford Company 118 Tenne Street Georgetown, MA 01833

Sample Information

Matrix:	SOLID
Location Code:	TFORD
Rush Request:	RUSH#
P.O.#:	

Custody Information							
Collected by:	DG						
Received by:	SW						
Analyzed by:	see "By" below						

Laboratory Data

SDG ID: GAS65427 Phoenix ID: AS65427

Date

01/07/10

01/07/10

Project ID: TIDEWATER STRAP

Parameter	Result	RL	Units	Date	Time	Ву	Reference	
Silver	< 1.7	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Arsenic	< 3.4	3.4	mg/Kg	01/08/10		ΕK	SW6010	
Beryllium	< 0.4	0.4	mg/Kg	01/08/10		ΕK	SW6010	
Cadmium	< 1.7	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Chromium	< 1.7	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Copper	2.9	1.7	mg/kg	01/08/10		ΕK	SW6010	
Mercury	< 0.07	0.07	mg/Kg	01/08/10		RS	SW-7471	
Nickel	1.8	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Lead	8.5	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Antimony	< 10	10	mg/Kg	01/08/10		ΕK	SW6010	
Selenium	< 6.9	6.9	mg/Kg	01/08/10		ΕK	SW6010	
Thallium	< 5	5	mg/Kg	01/08/10		ΕK	SW6010	
Zinc	16.9	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Percent Solid	96		%	01/07/10		M / JL	E160.3	
Soil Extraction for SVOA	Completed			01/07/10		SS/D	SW3545	
Mercury Digestion	Completed			01/08/10		К	SW7471	
Total Metals Digest	Completed			01/07/10		С	SW846 - 3050	
Extraction of TPH SM	Completed			01/07/10		SS/D	3545/3550	
Field Extraction	Completed			01/07/10		DG	SW5035	1
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	01/07/10		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260	
1,1-Dichloroethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260	
1,1-Dichloroethene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260	
1,1-Dichloropropene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260	

Parameter	Result	RL	Units	Date	Time	Ву	Reference
1,2,3-Trichloropropane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
2-Hexanone	ND	25	ug/Kg	01/07/10		R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/Kg	01/07/10		R/J	SW8260
Acetone	ND	100	ug/Kg	01/07/10		R/J	SW8260
Acrylonitrile	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Benzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Bromobenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Bromochloromethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Bromoform	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Bromomethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Chlorobenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Chloroethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Chloroform	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Chloromethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Dibromochloromethane	ND	3.0	ug/Kg	01/07/10		R/J	SW8260
Dibromoethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Dibromomethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Ethylbenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
m&p-Xylene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	01/07/10		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	01/07/10		R/J	SW8260
Methylene chloride	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Naphthalene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
o-Xylene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg ug/Kg	01/07/10		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg ug/Kg	01/07/10		R/J	SW8260
Styrene	ND	5.0	ug/Kg ug/Kg	01/07/10		R/J	SW8260
		Page 2				1115	

Parameter	Result	RL	Units	Date	Time	Ву	Reference
tert-Butylbenzene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	01/07/10		R/J	SW8260
Toluene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Total Xylenes	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	01/07/10		R/J	SW8260
Trichloroethene	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
Vinyl chloride	ND	5.0	ug/Kg	01/07/10		R/J	SW8260
<u>OA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	01/07/10		R/J	SW8260
% Bromofluorobenzene	93		%	01/07/10		R/J	SW8260
% Dibromofluoromethane	105		%	01/07/10		R/J	SW8260
% Toluene-d8	98		%	01/07/10		R/J	SW8260
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	01/08/10		НМ	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	01/08/10		НМ	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	01/08/10		НМ	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	01/08/10		НМ	SW 8270
2,4-Dinitrophenol	ND	550	ug/Kg	01/08/10		HM	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	01/08/10		HM	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	01/08/10		HM	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	01/08/10		HM	SW 8270
2-Chlorophenol	ND	240	ug/Kg	01/08/10		HM	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	01/08/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	01/08/10		HM	SW 8270
2-Nitroaniline	ND	550	ug/Kg	01/08/10		HM	SW 8270
2-Nitrophenol	ND	240	ug/Kg	01/08/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	01/08/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	01/08/10		HM	SW 8270
3-Nitroaniline	ND	550	ug/Kg	01/08/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	01/08/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	01/08/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	01/08/10		НМ	SW 8270
4-Chloroaniline	ND	240	ug/Kg	01/08/10		НМ	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	01/08/10		НМ	SW 8270
4-Nitroaniline	ND	550	ug/Kg	01/08/10		НМ	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	01/08/10		НМ	SW 8270
Acenaphthene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Acenaphthylene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Acetophenone	ND	240	ug/Kg	01/08/10		НМ	SW 8270

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Anthracene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Azobenzene	ND	340	ug/Kg	01/08/10		HM	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Benzidine	ND	410	ug/Kg	01/08/10		HM	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	01/08/10		HM	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	01/08/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	01/08/10		ΗМ	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	01/08/10		ΗМ	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	01/08/10		НМ	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	01/08/10		НМ	SW 8270
Carbazole	ND	1000	ug/Kg	01/08/10		НМ	SW 8270
Chrysene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Dibenzofuran	ND	240	ug/Kg	01/08/10		HM	SW 8270
Diethyl phthalate	ND	240	ug/Kg	01/08/10		НМ	SW 8270
Dimethylphthalate	ND	240	ug/Kg	01/08/10		НМ	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	01/08/10		HM	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	01/08/10		HM	SW 8270
Fluoranthene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Fluorene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	01/08/10		НМ	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Hexachloroethane	ND	240	ug/Kg	01/08/10		HM	SW 8270
ndeno(1,2,3-cd)pyrene	ND	240	ug/Kg ug/Kg	01/08/10		HM	SW 8270
sophorone	ND	240	ug/Kg ug/Kg	01/08/10		HM	SW 8270
Naphthalene	ND	240	ug/Kg ug/Kg	01/08/10		HM	SW 8270
Vitrobenzene	ND	240	ug/Kg ug/Kg	01/08/10		HM	SW 8270
	ND	340	ug/Kg ug/Kg	01/08/10		HM	SW 8270
N-Nitrosodimethylamine	ND	240		01/08/10			
N-Nitrosodi-n-propylamine	ND		ug/Kg	01/08/10		HM	SW 8270
N-Nitrosodiphenylamine Pentachloronitrobenzene	ND	340 340	ug/Kg	01/08/10		HM	SW 8270
			ug/Kg			HM	SW 8270
Pentachlorophenol	ND	340	ug/Kg	01/08/10		HM	SW 8270
Phenanthrene	ND	240	ug/Kg	01/08/10		HM	SW 8270
Phenol	ND	240	ug/Kg	01/08/10		HM	SW 8270
Pyrene Duridia a	ND	240	ug/Kg	01/08/10		HM	SW 8270
Pyridine	ND	340	ug/Kg	01/08/10		ΗM	SW 8270
OA/OC Surrogates	o.,		0/	04/00/110			0.000
% 2,4,6-Tribromophenol	94		%	01/08/10		HM	SW 8270
% 2-Fluorobiphenyl	69		%	01/08/10		HM	SW 8270
% 2-Fluorophenol	70		%	01/08/10		ΗM	SW 8270
% Nitrobenzene-d5	69		%	01/08/10		HM	SW 8270
% Phenol-d5	72		%	01/08/10		HM	SW 8270
% Terphenyl-d14	56		%	01/08/10		ΗM	SW 8270
TPH by GC (Extractable Pro	oducts)						
Fuel Oil #2 / Diesel Fuel	ND	69	mg/kg	01/08/10		JRB	8015DRO

Client ID: BEDDING SAND

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Fuel Oil #4	ND	69	mg/kg	01/08/10		JRB	8015DRO
Fuel Oil #6	ND	69	mg/kg	01/08/10		JRB	8015DRO
Kerosene	ND	69	mg/kg	01/08/10		JRB	8015DRO
Motor Oil	ND	69	mg/kg	01/08/10		JRB	8015DRO
Other Oil (Cutting & Lubricating)	ND	69	mg/kg	01/08/10		JRB	8015DRO
Unidentified	ND	69	mg/kg	01/08/10		JRB	8015DRO
<u>OA/QC Surrogates</u>							
% n-Pentacosane	61		%	01/08/10		JRB	8015DRO

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis/Shiller, Laboratory Director January 12, 2010





Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Draft Progress Report

January 12, 2010

FOR: Attn: Mr. Dan Galante T Ford Company 118 Tenne Street Georgetown, MA 01833

Sample Information

Matrix:	SOLID
Location Code:	TFORD
Rush Request:	RUSH#
P.O.#:	

Collected by:	DG
Received by:	SW
Analyzed by:	see

SW see "By" below 01/07/108:0001/07/1015:40

Time

Date

Laboratory Data

Custody Information

SDG ID: GAS65427 Phoenix ID: AS65428

Project ID: TIDEWATER STRAP

Client ID: PROCESSED

Parameter	Result	RL	Units	Date	Time	Ву	Reference	
Silver	< 1.7	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Arsenic	< 3.4	3.4	mg/Kg	01/08/10		ΕK	SW6010	
Beryllium	< 0.4	0.4	mg/Kg	01/08/10		ΕK	SW6010	
Cadmium	< 1.7	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Chromium	< 1.7	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Copper	3.5	1.7	mg/kg	01/08/10		ΕK	SW6010	
Mercury	< 0.06	0.06	mg/Kg	01/08/10		RS	SW-7471	
Nickel	< 1.7	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Lead	2.4	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Antimony	< 10	10	mg/Kg	01/08/10		ΕK	SW6010	
Selenium	< 6.8	6.8	mg/Kg	01/08/10		ΕK	SW6010	
Thallium	< 5	5	mg/Kg	01/08/10		ΕK	SW6010	
Zinc	53.1	1.7	mg/Kg	01/08/10		ΕK	SW6010	
Percent Solid	100	1	%	01/08/10		M / JL	E160.3	
Soil Extraction for SVOA	Completed			01/07/10		SS/D	SW3545	
Mercury Digestion	Completed			01/08/10		К	SW7471	
Total Metals Digest	Completed			01/07/10		С	SW846 - 3050	
Extraction of TPH SM	Completed			01/07/10		SS/D	3545/3550	
Field Extraction	Completed			01/07/10		DG	SW5035	1
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	2.8	ug/Kg	01/07/10		R/J	SW8260	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260	
1,1-Dichloroethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260	
1,1-Dichloroethene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260	
1,1-Dichloropropene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260	

Client ID: PROCESSED

1.2,3-Trichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW2260 1.2,4-Trinchlytöberzene ND 4.7 ug/Kg 01/07/10 RJ SW2260 1.2.Dichlorophane ND 4.7 ug/Kg 01/07/10 RJ SW2260 1.2.Dichlorophane ND 4.7 ug/Kg 01/07/10 RJ SW2260 1.2.Dichlorophane ND 4.7 ug/Kg 01/07/10 RJ SW2260 1.3.Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW2260 1.3.Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW2260 1.3.Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW2260 2Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW2260 2Boroprophone ND 4.7 ug/Kg 01/07/10 RJ SW2260 2Boroprophone ND 4.7 ug/Kg 01/07/10 RJ </th <th>Parameter</th> <th>Result</th> <th>RL</th> <th>Units</th> <th>Date</th> <th>Time</th> <th>Ву</th> <th>Reference</th>	Parameter	Result	RL	Units	Date	Time	Ву	Reference
1,2,4-Trinchlorbonzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,2,2hTrinnshylbenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,2,Dickmon-3-chioropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,2,Dichiorobenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,2,Dichiorobenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,3,5-Trinenthylbenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,3,5-Trinenthylbenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,3,5-Dichioropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 2,-Dichorobionzene ND 4.7 <td>1,2,3-Trichloropropane</td> <td>ND</td> <td>4.7</td> <td>ug/Kg</td> <td>01/07/10</td> <td></td> <td>R/J</td> <td>SW8260</td>	1,2,3-Trichloropropane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
1.2.4.Trimethybenzene ND 4.7 ug/Kg 01/07/10 RJ SW2200 1.2.Dichtorobanzene ND 4.7 ug/Kg 01/07/10 RJ SW2201 1.2.Dichtorobanzene ND 4.7 ug/Kg 01/07/10 RJ SW2201 1.2.Dichtoroppane ND 4.7 ug/Kg 01/07/10 RJ SW2201 1.3.Dichtorobanzene ND 4.7 ug/Kg 01/07/10 RJ SW2201 1.3.Dichtorobanzene ND 4.7 ug/Kg 01/07/10 RJ SW2201 1.3.Dichtorobanzene ND 4.7 ug/Kg 01/07/10 RJ SW2201 2.Dichtoropropane ND 4.7 ug/Kg 01/07/10 RJ SW2201 2.Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW2201 2.Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW2201 2.Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW220		ND	4.7		01/07/10		R/J	SW8260
1.2.Dichromo-3-chicoroppane ND 4.7 ug/Kg 0107110 RU SW8260 1.2.Dichrorehane ND 4.7 ug/Kg 0107110 RU SW8260 1.2.Dichrorehane ND 4.7 ug/Kg 010710 RU SW8260 1.3.5.Trimethybenzene ND 4.7 ug/Kg 010710 RU SW8260 1.3.5.Dichrorebrance ND 4.7 ug/Kg 010710 RU SW8260 1.3.Dichrorebrance ND 4.7 ug/Kg 010710 RU SW8260 2.2.Dichrorebrance ND 4.7 ug/Kg 010710 RU SW8260 2.1.Exanone ND 4.7 ug/Kg 010710 RU SW8260 2.1.Exporopholuce ND 4.7 ug/Kg 010710 RU SW8260 2.1.Exporopholuce ND 4.7 ug/Kg 010710 RU SW8260 2.1.Exporopholuce ND 4.7 ug/Kg 010710 RU SW8260<		ND	4.7		01/07/10		R/J	SW8260
1.2-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1.2-Dichloropropane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1.3-Dichloropropane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1.3-Dichloropropane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1.3-Dichloropropane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1.4-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2Dichloropropane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2Elochoropropane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2Hexanone ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2Hexanone ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Acrytonifile ND 4.7 ug/Kg 01/07/10 RJJ	-	ND	4.7		01/07/10		R/J	SW8260
1,2-Dichloroschane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1,3-Dichloropopane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1,3-Dichloropopane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 1,3-Dichloropopane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2,2-Dichloropopane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2,-Dicoloune ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2,-Dicoloune ND 4.7 ug/Kg 01/07/10 RJJ SW8260 2,-Isopropyloluene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 4,-Chicrotoluene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Acctone ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 RJJ S		ND	4.7		01/07/10			
1,2.Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,3.5-Trimethylbenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,3.Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 1,4.Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 2.2.Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 2Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW8260 4-celorei ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochionethane ND 4.7 ug/Kg 01/07/10 RJ SW8260		ND	4.7		01/07/10			
1,3-5-Trimethybenzene ND 4.7 ug/Kg 01/07/10 RJ SW8220 1,3-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 RJ SW8220 1,4-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 2,2-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 2,2-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Hexanone ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Isporpylloluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 4-chtorotoluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 4-chtorotoluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 Acctone ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10		ND	4.7		01/07/10		R/J	SW8260
1,3-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 1,3-Dichloropropane ND 4.7 ug/Kg 01/07/10 R/J SW8260 2,2-Dichloropropane ND 4.7 ug/Kg 01/07/10 R/J SW8260 2,2-Dichloropropane ND 4.7 ug/Kg 01/07/10 R/J SW8260 2-Hexanone ND 4.7 ug/Kg 01/07/10 R/J SW8260 2-Hexanone ND 4.7 ug/Kg 01/07/10 R/J SW8260 4-Methyl-2-pentanone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Acrytonitrile ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 R/J		ND	4.7		01/07/10		R/J	SW8260
1.3-Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 1.4-Dichlorobenzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 2Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 2Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 2Isopropyltoluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 4Chtorotoluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 Acctone ND 4.7 ug/Kg 01/07/10 RJ SW8260 Benzene ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochromethane ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochromethane ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochromethane ND 4.7 ug/Kg 01/07/10 RJ SW8260	-	ND	4.7		01/07/10			
1,4-Dicklorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 2,2-Dichloropropane ND 4.7 ug/Kg 01/07/10 R/J SW8260 2-Horotoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 2-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 2-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 4-Methyl-2-pentanone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Acrytonitrile ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 <		ND	4.7		01/07/10		R/J	SW8260
2.2-Dichloropropane ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Chiorotolucne ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 2-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 4-Chiorotoluene ND 4.7 ug/Kg 01/07/10 RJ SW8260 Acctone ND 4.4 ug/Kg 01/07/10 RJ SW8260 Acctone ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 RJ SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 RJ SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 RJ SW8260		ND	4.7		01/07/10		R/J	SW8260
2-Chiorotolucné ND 4.7 ug/Kg 01/07/10 R/J SW8260 2-Hexanone ND 24 ug/Kg 01/07/10 R/J SW8260 2-Isporpyltolucne ND 4.7 ug/Kg 01/07/10 R/J SW8260 4-Chiorotolucne ND 4.7 ug/Kg 01/07/10 R/J SW8260 4-Chiorotolucne ND 24 ug/Kg 01/07/10 R/J SW8260 Accetone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Benzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochioromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromothiane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chiorothane ND 4.7 ug/Kg 01/07/10 R/J SW8260		ND	4.7		01/07/10		R/J	SW8260
2-Hexanone ND 24 ug/Kg 01/07/10 RJJ SW8260 2-Isopropylitoluene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 4-Chlorotoluene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 4-Methyl-2-pentanone ND 44 ug/Kg 01/07/10 RJJ SW8260 Accylonitrile ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromobenzene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 RJJ <t< td=""><td></td><td>ND</td><td>4.7</td><td></td><td>01/07/10</td><td></td><td>R/J</td><td>SW8260</td></t<>		ND	4.7		01/07/10		R/J	SW8260
2-isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 4-Chlorotoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 A-Methyl-2-pentanone ND 24 ug/Kg 01/07/10 R/J SW8260 Acetone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Acrytonitrile ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochlane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260	2-Hexanone	ND	24		01/07/10		R/J	SW8260
4-Chlorotoluene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 4-Methyl-2-pentanone ND 24 ug/Kg 01/07/10 RJJ SW8260 Acetone ND 44 ug/Kg 01/07/10 RJJ SW8260 Acrylonitrile ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Benzene ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromochoromethane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Bromorfm ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Chlorotehane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 Chlorotehane ND 4.7 ug/Kg 01/07/10 RJJ SW8260 <tr< td=""><td>2-Isopropyltoluene</td><td>ND</td><td>4.7</td><td></td><td>01/07/10</td><td></td><td>R/J</td><td>SW8260</td></tr<>	2-Isopropyltoluene	ND	4.7		01/07/10		R/J	SW8260
4-Methyl-2-pentanone ND 24 ug/Kg 01/07/10 R/J SW8260 Accylonitrile ND 4.7 ug/Kg 01/07/10 R/J SW8260 Benzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chiorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chioroform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chioroform ND 4.7 ug/Kg 01/07/10 R/J SW8260		ND	4.7		01/07/10		R/J	SW8260
Acctone ND 94 ug/Kg 01/07/10 R/J SW8260 Acrylonitrile ND 4.7 ug/Kg 01/07/10 R/J SW8260 Benzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromoform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260		ND	24		01/07/10		R/J	SW8260
Acrylonitrile ND 4.7 ug/Kg 01/07/10 R/J SW8260 Benzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon tetrachioride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260	5 1	ND	94		01/07/10		R/J	SW8260
Benzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobentane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobentane ND 4.7 ug/Kg 01/07/10 R/J SW8260 <tr< td=""><td>Acrylonitrile</td><td>ND</td><td>4.7</td><td></td><td>01/07/10</td><td></td><td>R/J</td><td>SW8260</td></tr<>	Acrylonitrile	ND	4.7		01/07/10		R/J	SW8260
Bromobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromodichloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromorethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon tetrachloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Cist-1.2-Dichloroptopene ND 4.7 ug/Kg 01/07/10 R/J SW8260	-	ND	4.7	0 0	01/07/10		R/J	SW8260
BromochloromethaneND4.7ug/Kg01/07/10R/JSW8260BromodichloromethaneND4.7ug/Kg01/07/10R/JSW8260BromoformND4.7ug/Kg01/07/10R/JSW8260BromoethaneND4.7ug/Kg01/07/10R/JSW8260Carbon DisulfideND4.7ug/Kg01/07/10R/JSW8260Carbon tetrachlorideND4.7ug/Kg01/07/10R/JSW8260ChlorobenzeneND4.7ug/Kg01/07/10R/JSW8260ChlorothaneND4.7ug/Kg01/07/10R/JSW8260ChlorothaneND4.7ug/Kg01/07/10R/JSW8260ChlorothaneND4.7ug/Kg01/07/10R/JSW8260ChlorothaneND4.7ug/Kg01/07/10R/JSW8260ChlorothaneND4.7ug/Kg01/07/10R/JSW8260ChlorothaneND4.7ug/Kg01/07/10R/JSW8260DibromochloromethaneND4.7ug/Kg01/07/10R/JSW8260DibromothaneND4.7ug/Kg01/07/10R/JSW8260DibromothaneND4.7ug/Kg01/07/10R/JSW8260DibromothaneND4.7ug/Kg01/07/10R/JSW8260DichorodifluoromethaneND4.7ug/Kg01/07/10R/JSW8260<	Bromobenzene	ND	4.7		01/07/10		R/J	SW8260
Bromodichloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromoform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromomethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Cis-1,2-Dichloroethene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260<	Bromochloromethane	ND	4.7		01/07/10		R/J	SW8260
Bromoform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Bromomethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon Disulfide ND 4.7 ug/Kg 01/07/10 R/J SW8260 Carbon tetrachloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroothane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroothane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroothane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Cis-1,2-Dichloroothene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 <td></td> <td>ND</td> <td>4.7</td> <td></td> <td>01/07/10</td> <td></td> <td></td> <td></td>		ND	4.7		01/07/10			
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Carbon tetrachloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chlorobentane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,2-Dichloroethene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromomethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromomethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodfluoromethane ND 4.7 ug/Kg 01/07/10 R/J	Carbon Disulfide	ND	4.7		01/07/10		R/J	SW8260
Chlorobenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloroform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,2-Dichloroethene ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,3-Dichloroptopene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochloromethane ND 2.8 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J <	Carbon tetrachloride	ND	4.7		01/07/10		R/J	SW8260
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Chloroform ND 4.7 ug/Kg 01/07/10 R/J SW8260 Chloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,2-Dichloroethene ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,3-Dichloropropene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochloromethane ND 2.8 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J	Chloroethane	ND	4.7		01/07/10		R/J	SW8260
Chloromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,2-Dichloroethene ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,3-Dichloropropene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochloromethane ND 2.8 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J </td <td>Chloroform</td> <td>ND</td> <td>4.7</td> <td></td> <td>01/07/10</td> <td></td> <td>R/J</td> <td>SW8260</td>	Chloroform	ND	4.7		01/07/10		R/J	SW8260
cis-1,2-Dichloroethene ND 4.7 ug/Kg 01/07/10 R/J SW8260 cis-1,3-Dichloropropene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromochloromethane ND 2.8 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J	Chloromethane	ND	4.7		01/07/10		R/J	SW8260
Dibromochloromethane ND 2.8 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromomethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 m&p-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 4.7 ug/Kg 01/07/10 R/J	cis-1,2-Dichloroethene	ND	4.7		01/07/10		R/J	SW8260
Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromomethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Hexachlorobutadiene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 m&p-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 28 ug/Kg 01/07/10 R/J SW8260 Methyl tehtyl (MTBE) ND 9.4 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J <td< td=""><td>cis-1,3-Dichloropropene</td><td>ND</td><td>4.7</td><td></td><td>01/07/10</td><td></td><td>R/J</td><td>SW8260</td></td<>	cis-1,3-Dichloropropene	ND	4.7		01/07/10		R/J	SW8260
Dibromoethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dibromomethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Hexachlorobutadiene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl t-butyl ether (MTBE) ND 28 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J </td <td>Dibromochloromethane</td> <td>ND</td> <td>2.8</td> <td>ug/Kg</td> <td>01/07/10</td> <td></td> <td>R/J</td> <td>SW8260</td>	Dibromochloromethane	ND	2.8	ug/Kg	01/07/10		R/J	SW8260
Dichlorodifluoromethane ND 4.7 ug/Kg 01/07/10 R/J SW8260 Ethylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Hexachlorobutadiene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 m&p-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl I-butyl ether (MTBE) ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 28 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 9.4 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J	Dibromoethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
EthylbenzeneND4.7ug/Kg01/07/10R/JSW8260HexachlorobutadieneND4.7ug/Kg01/07/10R/JSW8260IsopropylbenzeneND4.7ug/Kg01/07/10R/JSW8260m&p-XyleneND4.7ug/Kg01/07/10R/JSW8260Methyl Ethyl KetoneND28ug/Kg01/07/10R/JSW8260Methyl I-butyl ether (MTBE)ND9.4ug/Kg01/07/10R/JSW8260Methylene chlorideND4.7ug/Kg01/07/10R/JSW8260NaphthaleneND4.7ug/Kg01/07/10R/JSW8260n-ButylbenzeneND4.7ug/Kg01/07/10R/JSW8260o-XyleneND4.7ug/Kg01/07/10R/JSW8260o-XyleneND4.7ug/Kg01/07/10R/JSW8260p-IsopropylbolueneND4.7ug/Kg01/07/10R/JSW8260o-XyleneND4.7ug/Kg01/07/10R/JSW8260o-XyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND </td <td>Dibromomethane</td> <td>ND</td> <td>4.7</td> <td>ug/Kg</td> <td>01/07/10</td> <td></td> <td>R/J</td> <td>SW8260</td>	Dibromomethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
HexachlorobutadieneND4.7ug/Kg01/07/10R/JSW8260IsopropylbenzeneND4.7ug/Kg01/07/10R/JSW8260m&p-XyleneND4.7ug/Kg01/07/10R/JSW8260Methyl Ethyl KetoneND28ug/Kg01/07/10R/JSW8260Methyl t-butyl ether (MTBE)ND9.4ug/Kg01/07/10R/JSW8260Methylene chlorideND4.7ug/Kg01/07/10R/JSW8260NaphthaleneND4.7ug/Kg01/07/10R/JSW8260n-ButylbenzeneND4.7ug/Kg01/07/10R/JSW8260o-XyleneND4.7ug/Kg01/07/10R/JSW8260o-XyleneND4.7ug/Kg01/07/10R/JSW8260o-XyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7ug/Kg01/07/10R/JSW8260o-SyleneND4.7 <td>Dichlorodifluoromethane</td> <td>ND</td> <td>4.7</td> <td>ug/Kg</td> <td>01/07/10</td> <td></td> <td>R/J</td> <td>SW8260</td>	Dichlorodifluoromethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Isopropylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 m&p-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 28 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 28 ug/Kg 01/07/10 R/J SW8260 Methyl ether (MTBE) ND 9.4 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 <td>Ethylbenzene</td> <td>ND</td> <td>4.7</td> <td>ug/Kg</td> <td>01/07/10</td> <td></td> <td>R/J</td> <td>SW8260</td>	Ethylbenzene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
m&p-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 Methyl Ethyl Ketone ND 28 ug/Kg 01/07/10 R/J SW8260 Methyl I butyl ether (MTBE) ND 9.4 ug/Kg 01/07/10 R/J SW8260 Methyl rether (MTBE) ND 9.4 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J <td< td=""><td>Hexachlorobutadiene</td><td>ND</td><td>4.7</td><td>ug/Kg</td><td>01/07/10</td><td></td><td>R/J</td><td>SW8260</td></td<>	Hexachlorobutadiene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Methyl Ethyl Ketone ND 28 ug/Kg 01/07/10 R/J SW8260 Methyl t-butyl ether (MTBE) ND 9.4 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-lsopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-lsopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J	Isopropylbenzene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Methyl t-butyl ether (MTBE) ND 9.4 ug/Kg 01/07/10 R/J SW8260 Methylene chloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-lsopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260	m&p-Xylene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Methylene chloride ND 4.7 ug/Kg 01/07/10 R/J SW8260 Naphthalene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260	Methyl Ethyl Ketone	ND	28	ug/Kg	01/07/10		R/J	SW8260
Naphthalene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260	Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	01/07/10		R/J	SW8260
n-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-lsopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260	Methylene chloride	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
n-Propylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260 o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260	Naphthalene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
o-Xylene ND 4.7 ug/Kg 01/07/10 R/J SW8260 p-Isopropyltoluene ND 4.7 ug/Kg 01/07/10 R/J SW8260 sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260	n-Butylbenzene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
p-IsopropyltolueneND4.7ug/Kg01/07/10R/JSW8260sec-ButylbenzeneND4.7ug/Kg01/07/10R/JSW8260	n-Propylbenzene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
sec-Butylbenzene ND 4.7 ug/Kg 01/07/10 R/J SW8260	o-Xylene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
	p-Isopropyltoluene			ug/Kg	01/07/10		R/J	SW8260
	sec-Butylbenzene	ND	4.7	ug/Kg			R/J	SW8260
Styrene 4.7 ug/Kg 01/0//10 R/J SW8260	Styrene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260

Client ID: PROCESSED

Parameter	Result	RL	Units	Date	Time	Ву	Reference
tert-Butylbenzene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Tetrachloroethene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	01/07/10		R/J	SW8260
Toluene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Total Xylenes	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	01/07/10		R/J	SW8260
Trichloroethene	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Trichlorofluoromethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Trichlorotrifluoroethane	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
Vinyl chloride	ND	4.7	ug/Kg	01/07/10		R/J	SW8260
<u>OA/OC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	01/07/10		R/J	SW8260
% Bromofluorobenzene	96		%	01/07/10		R/J	SW8260
% Dibromofluoromethane	89		%	01/07/10		R/J	SW8260
% Toluene-d8	95		%	01/07/10		R/J	SW8260
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	230	ug/Kg	01/08/10		HM	SW 8270
1,2,4-Trichlorobenzene	ND	230	ug/Kg	01/08/10		HM	SW 8270
1,2-Dichlorobenzene	ND	230	ug/Kg	01/08/10		HM	SW 8270
1,3-Dichlorobenzene	ND	230	ug/Kg	01/08/10		HM	SW 8270
1,4-Dichlorobenzene	ND	230	ug/Kg	01/08/10		HM	SW 8270
2,4,5-Trichlorophenol	ND	230	ug/Kg	01/08/10		HM	SW 8270
2,4,6-Trichlorophenol	ND	230	ug/Kg	01/08/10		НМ	SW 8270
2,4-Dichlorophenol	ND	230	ug/Kg	01/08/10		НМ	SW 8270
2,4-Dimethylphenol	ND	230	ug/Kg	01/08/10		HM	SW 8270
2,4-Dinitrophenol	ND	530	ug/Kg	01/08/10		HM	SW 8270
2,4-Dinitrotoluene	ND	230	ug/Kg	01/08/10		HM	SW 8270
2,6-Dinitrotoluene	ND	230	ug/Kg	01/08/10		HM	SW 8270
2-Chloronaphthalene	ND	230	ug/Kg	01/08/10		HM	SW 8270
2-Chlorophenol	ND	230	ug/Kg	01/08/10		HM	SW 8270
2-Methylnaphthalene	ND	230	ug/Kg	01/08/10		HM	SW 8270
2-Methylphenol (o-cresol)	ND	230	ug/Kg	01/08/10		HM	SW 8270
2-Nitroaniline	ND	530	ug/Kg	01/08/10		HM	SW 8270
2-Nitrophenol	ND	230	ug/Kg	01/08/10		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	01/08/10		HM	SW 8270
3,3'-Dichlorobenzidine	ND	400	ug/Kg	01/08/10		HM	SW 8270
3-Nitroaniline	ND	530	ug/Kg	01/08/10		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	970	ug/Kg	01/08/10		HM	SW 8270
4-Bromophenyl phenyl ether	ND	330	ug/Kg	01/08/10		HM	SW 8270
4-Chloro-3-methylphenol	ND	230	ug/Kg	01/08/10		HM	SW 8270
4-Chloroaniline	ND	230	ug/Kg	01/08/10		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	230	ug/Kg	01/08/10		HM	SW 8270
4-Nitroaniline	ND	530	ug/Kg	01/08/10		HM	SW 8270
4-Nitrophenol	ND	970	ug/Kg	01/08/10		HM	SW 8270
Acenaphthene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Acenaphthylene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Accuapituryiche							
Acetophenone Aniline	ND ND	230 970	ug/Kg ug/Kg	01/08/10 01/08/10		HM HM	SW 8270 SW 8270

Project ID: TIDEWATER STRAP Client ID: PROCESSED

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Anthracene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Azobenzene	ND	330	ug/Kg	01/08/10		HM	SW 8270
Benz(a)anthracene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Benzidine	ND	400	ug/Kg	01/08/10		HM	SW 8270
Benzo(a)pyrene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Benzo(b)fluoranthene	ND	230	ug/Kg	01/08/10		HM	SW 8270
3enzo(ghi)perylene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Benzo(k)fluoranthene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Benzoic acid	ND	970	ug/Kg	01/08/10		НМ	SW 8270
Benzyl butyl phthalate	ND	230	ug/Kg	01/08/10		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	230	ug/Kg	01/08/10		HM	SW 8270
Bis(2-chloroethyl)ether	ND	330	ug/Kg	01/08/10		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	230	ug/Kg	01/08/10		НМ	SW 8270
is(2-ethylhexyl)phthalate	ND	230	ug/Kg	01/08/10		HM	SW 8270
Carbazole	ND	970	ug/Kg	01/08/10		HM	SW 8270
Chrysene	ND	230	ug/Kg	01/08/10		HM	SW 8270
Dibenz(a,h)anthracene	ND	230	ug/Kg	01/08/10		ΗМ	SW 8270
Dibenzofuran	ND	230	ug/Kg	01/08/10		ΗМ	SW 8270
Diethyl phthalate	ND	230	ug/Kg	01/08/10		ΗМ	SW 8270
Dimethylphthalate	ND	230	ug/Kg	01/08/10		ΗМ	SW 8270
Di-n-butylphthalate	ND	230	ug/Kg	01/08/10		НМ	SW 8270
Di-n-octylphthalate	ND	230	ug/Kg	01/08/10		НМ	SW 8270
luoranthene	ND	230	ug/Kg	01/08/10		HM	SW 8270
luorene	ND	230	ug/Kg	01/08/10		HM	SW 8270
exachlorobenzene	ND	230	ug/Kg	01/08/10		HM	SW 8270
exachlorobutadiene	ND	230	ug/Kg	01/08/10		HM	SW 8270
lexachlorocyclopentadiene	ND	230	ug/Kg	01/08/10		HM	SW 8270
lexachloroethane	ND	230	ug/Kg	01/08/10		НМ	SW 8270
ndeno(1,2,3-cd)pyrene	ND	230	ug/Kg	01/08/10		НМ	SW 8270
sophorone	ND	230	ug/Kg	01/08/10		HM	SW 8270
Japhthalene	ND	230	ug/Kg	01/08/10		HM	SW 8270
litrobenzene	ND	230	ug/Kg	01/08/10		HM	SW 8270
-Nitrosodimethylamine	ND	330	ug/Kg	01/08/10		HM	SW 8270
I-Nitrosodi-n-propylamine	ND	230	ug/Kg	01/08/10		HM	SW 8270
I-Nitrosodiphenylamine	ND	330	ug/Kg	01/08/10		HM	SW 8270
entachloronitrobenzene	ND	330	ug/Kg ug/Kg	01/08/10		HM	SW 8270
Pentachlorophenol	ND	330	ug/Kg ug/Kg	01/08/10		HM	SW 8270
henanthrene	ND	230	ug/Kg ug/Kg	01/08/10		HM	SW 8270
henol	ND	230	ug/Kg ug/Kg	01/08/10		HM	SW 8270
	ND	230	ug/Kg ug/Kg	01/08/10		HM	SW 8270
Pyrene Pyridine	ND	330	ug/Kg ug/Kg	01/08/10		HM	SW 8270 SW 8270
•		330	uyiny	01/00/10		UIVI	300 02/0
<u>DA/QC Surrogates</u>	60		0/	01/00/10			SW 0070
6 2,4,6-Tribromophenol	62 44		%	01/08/10		HM	SW 8270
5 2-Fluorobiphenyl			%	01/08/10		HM	SW 8270
5 2-Fluorophenol	47		%	01/08/10		HM	SW 8270
6 Nitrobenzene-d5	46		%	01/08/10		HM	SW 8270
6 Phenol-d5	49		%	01/08/10		HM	SW 8270
6 Terphenyl-d14	36		%	01/08/10		HM	SW 8270
CPH by GC (Extractable Pro	ducts)						
				01/08/10			

Client ID: PROCESSED

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Fuel Oil #4	ND	66	mg/kg	01/08/10		JRB	8015DRO
Fuel Oil #6	ND	66	mg/kg	01/08/10		JRB	8015DRO
Kerosene	ND	66	mg/kg	01/08/10		JRB	8015DRO
Motor Oil	ND	66	mg/kg	01/08/10		JRB	8015DRO
Other Oil (Cutting & Lubricating)	ND	66	mg/kg	01/08/10		JRB	8015DRO
Unidentified	ND	66	mg/kg	01/08/10		JRB	8015DRO
<u>OA/QC Surrogates</u>							
% n-Pentacosane	62		%	01/08/10		JRB	8015DRO

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director January 12, 2010





Phoenix ID: AS99772

Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Draft Prog May 03, 2	gress Report 2010	FOR:	Attn: Mr. Dan Galan T Ford Company 118 Tenne Street Georgetown, MA 018		
Sample Informa	ition	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	SOIL	Collected by:	DG	04/30/10	8:30
Location Code:	TFORD	Received by:	LDF	04/30/10	9:30
Rush Request:	RUSH24	Analyzed by:	see "By" below		
P.O.#:		Laboratory	Data	SDG ID:	GAS99772

Project ID: TIDEWATER STRAP

Client ID: PROCESSED

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Arsenic Percent Solid Total Metals Digest	4.1 95 Completed	0.7	mg/Kg %	05/01/10 04/30/10 04/30/10		J/E M / JL C/AG	SW6010 E160.3 SW846 - 3050

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director May 03, 2010