



**2007 Annual
Performance
Monitoring Report
Essex/Hope Site
Jamestown, New York**

March 2008 - Final

***Prepared for:
Essex Specialty Products, Inc.
Auburn Hills, Michigan***

URS Project No. 41568140



2007 ANNUAL PERFORMANCE MONITORING REPORT

**Essex/Hope Site
Jamestown, New York**

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1.0 Introduction

On behalf of Essex Specialty Products, Inc. (ESP), URS has prepared this Annual Performance Monitoring Report for the Essex/Hope Site in Jamestown, New York (NO.9-07-015) as required by the Performance Monitoring Plan (PMP) prepared by Radian International in June 1997, and revised by URS Corp. in October, 2003. This report summarizes the operations and performance monitoring of the site remedial systems for the calendar year of 2007. A site location map is provided as Figure 1.

Section 2.0 of the report summarizes groundwater flow conditions under pumping influence, Section 3.0 discusses groundwater quality, and Section 4.0 details soil vapor extraction (SVE)/air sparging system performance.

1.1 Remedial Systems Overview

There are three separate areas that are the focus of remedial efforts including the North Parking Lot (NPL) Area, the former Underground Storage Tanks (UST) Area, and the former Aboveground Storage Tank/Underground Storage Tank (AST/UST) Area. These areas and the site monitoring points are illustrated on Figure 2.

The remedial systems at the Essex/Hope Site were designed and constructed to address impacted groundwater and soils identified at the three areas of the site (NPL, AST/UST, and UST Areas). Remediation of groundwater and soils at the Essex/Hope Site is performed by a combination of soil vapor extraction, air sparging, and a groundwater extraction and treatment systems. The original remedial action design and implementation was based upon the March 1994 Record of Decision (ROD) issued by the New York State Department of Environmental Conservation (NYSDEC) and included:

- A groundwater remediation system consisting of an extraction well network of five (5) shallow and two (2) deep recovery wells and activated carbon pre-treatment with onsite discharge to the local POTW;
- Soil remediation in the AST/UST and UST Areas by soil vapor extraction (SVE) for volatile organic constituents occurring above the shallow water table.
- Soil excavation in the NPL Area, conducted in September and October of 1996, to remove impacted soils in the former sump and surrounding areas.
- Air sparging in the shallow water-bearing zone of the NPL, UST and AST/UST Areas to supplement the treatment of impacted groundwater via enhanced biodegradation and volatilization of organic constituents. A soil vapor extraction system was added to the NPL Area to collect volatile organic constituents (VOCs) volatilized from the shallow groundwater in this area.
- The remedial areas were capped with either asphalt or concrete to enhance surface water runoff and minimize infiltration.

- A network of monitoring wells across the site (as designated in the Performance Monitoring Plan) is used to measure the effectiveness of the groundwater remedial activities.

1.2 Supplemental Remedial Activities

Voluntary supplemental remedial activities were initiated in 2000, with the approval of the NYSDEC, to refine the understanding of the extent of site related subsurface constituents and to evaluate potential remedial alternatives to enhance remedial effectiveness at the site. Evaluation of those studies continued during 2001 and 2002, and measures to remove residual VOCs in the UST Area were implemented between 2001 and 2003. The results of the additional studies and UST Area work are reported under separate cover. A summary of the additional activities performed at the Site after the initial remedial actions is as follows:

- A pilot scale zero-valent iron permeable reactive barrier (PRB) was injected around recovery well RW-2D and within the lower semi-confined water-bearing zone beneath Building 5 in July 2000. The pilot PRB is designed to evaluate the effectiveness of this technology to reduce and control the migration of dissolved VOC constituents from the site. As part of this evaluation, additional groundwater piezometers were installed in the upper unconfined water-bearing zone and lower semi-confined water-bearing zone for performance monitoring of the pilot PRB. Collection of pilot test data was completed in July 2001, and further evaluation based upon site performance monitoring data was completed in December 2002. Data concerning this pilot test was submitted to the NYSDEC as the Interim Results, PRB Pilot Results for First Four Sample Rounds (URS, February 2001). A final pilot test report detailing results through December 2002 was submitted to NYSDEC in July 2003.
- The former underground storage tanks (USTs) in the UST Area were uncovered in August 2000 and evaluated as a potential ongoing source of VOCs in this area. Additional test borings and groundwater piezometers were installed within the upper shallow semi-confined water-bearing zones in this area to evaluate groundwater and soil chemical conditions, and to refine groundwater flow direction and constituent migration. Results of these activities were reported in the Plant #5 East Area and UST Area Investigations Report (URS, March 2001).
- As part of the UST Area investigation, the area east of Building 5 was evaluated at the request of the NYSDEC to determine the source of vinyl chloride within the lower semi-confined water-bearing zone at Monitoring Well MW-19D, located on the Site's eastern property line. A network of test borings and deep piezometers were installed within the UST Area and on the offsite property to the east for evaluation of chemical conditions within the soil and groundwater. Results of these activities were reported in the Plant #5 East Area and UST Area Investigations Report (URS, March 2001).
- The former USTs (Tanks 1 through 4) in the UST Area were uncovered during 2001 and cleaned-out to remove residual liquids from the tanks. Openings were cut in each tank and the fluid contents removed, and each tank was rinsed with potable water. Following rinsing, the tanks were treated using the Biox® Process to remove residual organic constituents in the tanks by chemical oxidation and biodegradation. Results of the tank cleaning were submitted to the NYSDEC in the Tank Closure Work Plan (URS, September 2001).

- Based upon the results of the Biox solution treatment of the USTs, where VOCs were not reduced below the "clean closure" standard of 5 µg/L within Tanks T-1, T-3 and T-4 as required by the NYSDEC, a UST removal program was initiated by Essex Specialty Products. All five (5) of the former USTs in the UST Area, and over 1000 tons of soil were removed between the period of November 2002 and January 2003. Results of this activity have been submitted to the NYSDEC in the UST Removal Interim Report (URS, February 2003).
- A site investigation was completed in October 2003 to further define conditions in the UST Area and the vinyl chloride groundwater plume on the east side of the former Plant No. 5 building. This investigation was completed to provide data to address potential additional measures for the site cleanup. These potential measures focus on insitu methods especially those that are able to treat both the UST Area contaminants (toluene, ethylbenzene, xylenes) and the vinyl chloride plume. Results of the investigation are reported under separate cover. The new monitoring wells installed as part of these investigations, MW's: 21D, 22D, 23S, 23D and 24S, are shown on Figure 2. Of these wells, MW-21D and MW-22D were added to the Performance Monitoring Plan (PMP) as directed by the NYSDEC. The results of this investigation have been submitted to the NYSDEC in the UST Area and Groundwater Vinyl Chloride Investigations Report (URS, June 2004).
- Supplemental site investigations were performed from November, 2005 through June, 2006 for the UST Area and the offsite groundwater zones. The objectives of the investigations were as follows:
 - *Determine the extent of the residual VOC contamination in the UST Area shallow soils and groundwater.* The most recent investigations (2003) found VOCs in shallow groundwater approximately 30 feet south of the former USTs. Additional investigations were necessary to further delineate the extent of the VOCs to the south and east, and offsite, if necessary.
 - *Determine the extent of the VOC contamination in shallow groundwater in the vicinity of Monitoring Well 14S.* Performance monitoring has indicated that shallow groundwater VOCs have persisted at elevated levels (> 1ppm) in monitoring well 14S, north of the NPL Area and offsite, north of Hopkins Avenue. Previous investigations (June, 2004 report) indicated that MW-14S had a TCE level of 2700 ppb, which was the highest TCE detected in the shallow water-bearing zone. This TCE level was one to two orders of magnitude higher than the TCE levels in shallow zone recovery wells, RW-1S and RW-2S, respectively. Additional investigations were needed in the area around MW-14S to determine the extent of the elevated TCE, and the potential for offsite sources of VOCs.
 - *Determine the extent of the VOCs in deep groundwater in the offsite area northeast and east of CPM Plant No. 5.* The latest offsite groundwater investigations (2003) found VOCs in deep groundwater to the northeast (MW-22D) of the site, approximately 50 ft beyond the property boundary. This area is in the downgradient groundwater direction (under non-pumping conditions), and the VOCs are expected to be residual contamination from migration of the historic plume. Additional investigations were necessary to determine the extent of the offsite deep groundwater VOC plume. The investigations included discrete sampling of the shallow and deep groundwater zones

using the direct-push drilling equipment and residential vapor sampling by shallow probes installed near occupied buildings above the shallow VOC plume locations. The results of these investigations were summarized in a separate report submitted to NYDEC in December 2006.

- *Phase I of the Supplemental Remedial Actions* was initiated in November of 2007. These included a new recovery well, RW-6D and monitoring wells, MW-25S and MW-25D to the north of the site along Hopkins Avenue. Residential vapor sampling was also performed at 159 Hopkins Avenue. Additional remedial actions (Phase II) are being planned for 2008. Phase II will focus on off-site groundwater VOCs and residential vapor controls.

1.3 Major System Modifications

Major modifications to the original remedial systems configuration since startup in 1997 have included the following:

- Groundwater extraction from Recovery Well RW-1D, screened across the deep water-bearing zone in the NPL Area, was discontinued in June 1999 with the approval of the NYSDEC. As reported in the 1999 Annual Performance Monitoring Report (Radian International, April 1999), a pumping evaluation completed in the first half of 1999 revealed that vertical leakage was occurring from the shallow water-bearing zone to the deep water-bearing zone due to pumping from the deep zone. Based upon this information, and the fact that the majority of the groundwater constituents are recovered from RW-2D, NYSDEC recommended that RW-1D be shut down as documented in the June 17, 1999 correspondence from the NYSDEC to Radian International.
- The air sparging system in the NPL Area was shut down in July 2000, with the approval of the NYSDEC, to prevent the oxidation of the newly installed Pilot Permeable Reactive Barrier (PRB) and zero-valent iron injections in that area. The soil vapor extraction system has continued to be operated in this area as needed to collect potential gases produced by subsurface reactions associated with the Pilot PRB and zero-valent iron injections in that area.
- Air sparging in the UST Area was discontinued in October 2000 after mechanical failure of the air sparge pump. Since the combined soil vapor extraction/air sparging system had reached its practical remedial effectiveness, Essex Specialty Products initiated activities to evaluate conditions in this area in 2000 and implement supplemental remedial activities to replace the original system, with the approval of the NYSDEC. These supplemental remedial activities include the *insitu* cleaning of the former USTs completed in December 2001 and February 2003, and the UST removals completed between November 2002 and January 2003.
- The soil vapor extraction system and groundwater recovery system (Recovery Wells RW-4S and RW-5S) in the UST Area were shut down in November 2002 for the UST removal activities. Excavation work resulted in complete removal of the electrical system for the UST Area, Recovery Well RW-4S, and underground piping to the soil vapor extraction/air sparging wells and existing Recovery Well RW-5S. These systems are currently shut down. There are no plans at this time to redesign or reconstruct the UST Area remediation system.

- Future system modifications are anticipated as a result of the findings of the 2005-2006 UST Area and Offsite Groundwater Investigations. One recovery well (RW-6D) was installed in November 2007 in the deep groundwater zone VOC plume offsite to the north. RW-6D is expected to go on-line in Quarter 2, 2008. VOCs in the UST Area shallow groundwater and other offsite shallow and deep groundwater zones are currently being evaluated for insitu treatment technologies.

1.4 Performance Criteria

The performance criteria to evaluate remediation effectiveness are the Remedial Action Objectives (RAOs) included as Appendix A in the March 1994 Record of Decision (ROD) for the site. Table 1 summarizes the RAOs for the site. Performance monitoring completed during the 2007 calendar year consisted of monthly groundwater pre-treatment system influent and effluent analysis, semi-annual recovery well groundwater analysis, semi-annual SVE system air stream analysis and annual groundwater sampling of the monitoring wells selected as performance monitoring points. No soil sampling was completed during 2007.

2.0 Groundwater Flow Evaluation

This section presents a summary of the 2007 quarterly groundwater flow conditions as well as an annual evaluation of the extraction system. The annual evaluation reviews each extraction well's pumping rates, the amount of pore volume exchanged in each remedial area and groundwater flow conditions over the course of the extraction period.

The site groundwater has been identified as two (2) zones for descriptive purposes. These are the shallow water-bearing (shallow) and the lower fine-sand water bearing zone (LFSWBS or deep). Detailed descriptions of these geologic zones are found in other site reports.

Water level measurements were obtained periodically during system operation and are provided in Appendix A. Groundwater contour maps representative of pumping conditions during the reporting period are provided as Figures 3 through 8 for the shallow and deep water-bearing zones.

2.1 Groundwater Extraction System Operation and Maintenance

The groundwater extraction system was operated continuously throughout the reporting period with the exception of system shutdowns and routine maintenance as summarized below:

- Recovery Wells were offline on February 20, 2007 to February 21, 2007 for change out of system carbon.
- Recovery Wells were offline between July 9, 2007 and July 12, 2007 for well development and RW-2D acid treatment.
- Recovery Wells were offline between July 16, 2007 and July 17, 2007 for completion of well development.
- Recovery Wells were offline between November 29, 2007 and November 30, 2007 during treatment of drilling waters.
- Recovery Wells were offline between December 2, 2007 and December 5, 2007 for treatment of drilling waters and carbon bed maintenance.

2.2 Annual Groundwater Extraction

Groundwater pumping volumes are provided in Table 2. In 2007, 1.58 million gallons of groundwater were extracted and treated by the recovery system. Approximately 1.13 million gallons of groundwater were extracted from the deep groundwater zone (LFSWBZ) and approximately 452,348 gallons of groundwater were extracted from the shallow water-bearing zone. Groundwater extraction from each treatment area is discussed below.

Recovery wells RW-1S and RW-2S extract groundwater from the shallow zone in the NPL Area. A combined total of approximately 447,464 gallons of groundwater were extracted from this zone during 2007. Groundwater extraction rates were variable throughout the year depending upon recharge from precipitation events, and pumping well efficiency. The average steady state groundwater extraction rate from the NPL Area shallow zone by quarter is as follows:

- 1st Quarter: 1.03 gpm
- 2nd Quarter: 0.85 gpm
- 3rd Quarter: 0.51 gpm
- 4th Quarter: 1.60 gpm

In the AST/UST area, approximately 4,884 gallons of groundwater were extracted from Recovery Well RW-3S during 2007. The average steady state groundwater extraction rate from the AST/UST Area shallow zone by quarter is as follows:

- 1st Quarter: 0.011 gpm
- 2nd Quarter: 0.002 gpm
- 3rd Quarter: 0.015 gpm
- 4th Quarter: 0.004 gpm

A total of approximately 1.13 million gallons of groundwater were extracted from the deep zone from RW-2D during 2007. The average steady state groundwater extraction rate from the NPL Area deep zone by quarter is as follows:

- 1st Quarter: 2.21 gpm
- 2nd Quarter: 1.88 gpm
- 3rd Quarter: 3.03 gpm
- 4th Quarter: 2.59 gpm

2.3 Groundwater Flow Conditions

Groundwater flow conditions in the shallow and deep water-bearing zones at the site for the 2007 period are presented in this section. Groundwater contour maps representing pumping conditions within the shallow and deep zones are provided as Figures 3 through 8. Pumping conditions in each groundwater zone are described below.

2.3.1 Shallow Zone

The natural (non-pumping) shallow groundwater flow direction is toward the northeast in the NPL and AST/UST Areas. The groundwater flow direction from the UST Area is radial with a general flow direction toward the northeast, with western and eastern flow components. Figures 4, 6 and 8 represent groundwater flow conditions during pumping in the shallow zone for 2007. Groundwater flow conditions were uniform within the NPL Area during 2007 under pumping

conditions. A cone of depression was maintained, during pumping conditions, throughout the NPL area and is depicted on Figures 4, 6, and 8. Generally, the cone of depression was approximately 2 – 5 feet lower in elevation than the non-pumping water elevation.

Groundwater flow across the AST/UST is toward the northeast. Groundwater is extracted in this area from RW-3S, located on the downgradient edge of the area. Pumping performance in this area has remained consistent with conditions experienced during previous years. A significant cone of depression is not developed within this area due to the low transmissivity of the thin saturated zone. The low yield from the recovery well causes the pumping system to cycle as the control system alternately activates and de-activates the pump based upon water level within the well, rather than sustaining a steady pumping rate from the well.

No groundwater was directly extracted from the UST Area during 2007. Evaluation of the groundwater contours in this area indicates that a mound effect of the water table remains after removal of the tanks. Groundwater capture from pumping in the NPL Area is apparent on the western side of the area and to the north beneath Building 5. Groundwater on the east of the area appears to flow away to the northeast, east and south.

2.3.2 Deep Zone

Groundwater pumping from the LFSWBZ occurred only from RW-2D in the NPL Area during 2007. The natural groundwater flow direction of the deep zone under non-pumping conditions is toward the northeast across the site. Groundwater contour maps (Figures 3, 5, and 7) represent groundwater flow conditions during pumping in the deep zone for 2007. The potentiometric contour maps for the groundwater monitoring events during pumping conditions in 2007 are relatively similar, with minor elevation changes due to drawdown differences in RW-2D. Groundwater capture occurs throughout the NPL Area and Building 5. Groundwater contours to the northeast and east of Building 5 (offsite) indicate that pumping from RW-2D is not influencing the groundwater in this area.

3.0 Water Quality Results and Summary

Groundwater sampling during 2007 represented the tenth full year of operation of the remedial systems. Groundwater sampling for 2007 consisted of the following:

- Semi-Annual Recovery Well Sampling for VOCs
- Annual Sampling of the Performance Monitoring Plan (PMP) well network for VOCs (conducted in November 2007)
- Monthly influent and effluent sampling of the wastewater pre-treatment system in support of POTW permit requirements.

Tables 3 and 4 summarize the recovery well analytical data. Table 3 provides a summary of the semi-annual recovery well data for 2007 and Table 4 summarized annual total VOCs concentrations for each well. The performance monitoring well data is provided in Tables 5 and 6. Tables 7 through 9 represent the wastewater influent, treatment and effluent sample data for 2007. Recovery Well performance data is illustrated in Appendix A-3. Laboratory Certificates of Analysis are included in Appendix B. The following sections describe the conditions occurring in each of the three remedial areas, with a comparison to previous analytical results.

3.1 North Parking Lot (NPL) Area

Both the shallow water-bearing zone and the deeper lower fine sand water-bearing zone are monitored in the NPL Area. The shallow monitoring system for the NPL Area consists of Recovery Wells RW-1S and RW-2S, as well as monitoring wells MW-6, MW-7S, MW-14S, and MW-15S. There were a combined total of nearly 2,300 µg/L VOCs detected at these locations in 2007. RW-1S and RW-2S removed 2.9 lbs of VOCs from this zone, in Year 2007, for a total of approximately 38 lbs since system startup.

The NPL deep water-bearing zone monitoring network consists of Recovery Wells RW-1D and RW-2D sampled semi-annually, and Monitoring Wells MW-7D, MW-8, MW-14D, MW-15D, MW-19D, MW-21D, MW-22D and VP-6D sampled annually. While RW-1D has been offline since 1999, it remains part of the semi-annual sampling scope for the recovery wells. Combined total VOCs concentrations detected in the deep zone recovery wells were approximately 934,600 µg/L for 2007. Recovery well RW-2D demonstrated continued efficiency by removing approximately 73 lbs of VOCs from the deep groundwater in Year 2007.

3.2 AST/UST Area

The AST/UST Area shallow groundwater is monitored by Recovery Well RW-3S and Monitoring Well MW-2. Recovery Well RW-3 detected 250 µg/L VOCs. No VOCs were detected in MW-2.

3.3 UST Area

From 2005, this area has been monitored by MW-20 and PZ-11D; however, due to an obstruction within its casing, monitoring location PZ-11D was precluded from sampling in 2007. Total VOCs detected in MW-20 were 534 µg/L. Prior to UST removal activities in 2002, RW-4S and RW-5S were effective in removing approximately 110 lbs of VOCs from the groundwater since system startup.

3.4 Groundwater Treatment System

The site groundwater treatment system consists of a 2,200 gallon equalization tank, transfer pump, sediment filters, and two (2) 900 lb granular carbon treatment vessels arranged in series. A third carbon treatment vessel is retained as a spare for carbon change-outs. The groundwater pumped from the recovery wells is discharged to the equalization tank, and pumped through the carbon vessels for pre-treatment prior to discharge to the City of Jamestown Publicly Owned Treatment Works (POTW) for final treatment.

Pursuant to the City of Jamestown Board of Public Utilities (BPU) Industrial Wastewater Discharge Permit Number 26 (Permit), the pre-treatment system is monitored for pH and VOCs to ensure compliance with the discharge requirements. Sampling points include the influent, primary carbon effluent and secondary carbon effluent (discharge to POTW). These points are sampled on a monthly basis and reported to the Jamestown BPU on a semi-annual basis.

Groundwater pre-treatment system data for 2007 is summarized in Tables 7 through 9. These tables represent system influent, individual carbon vessel effluent and post carbon (system discharge to POTW) concentrations. Note that after June 2003, only two carbon vessels were used for treatment of groundwater prior to discharge to the POTW. The third carbon vessel was removed from the treatment system after the UST removal activities were complete. Pre-Carbon influent concentrations reflect a composite from all of the operating groundwater extraction wells prior to pre-treatment.

4.0 SVE/Sparging System Performance

The soil vapor extraction (SVE) and groundwater sparging systems in the NPL, UST and AST/UST Areas were started-up during the third and fourth quarters of 1997. The SVE/Sparging systems were designed to enhance dissolved constituent removal from the shallow water-bearing zone in the NPLS Area; and to reduce the contaminant source in both the unsaturated zone and shallow groundwater in the AST/UST and UST Areas. No air sparging was conducted in the UST Area since November 2002 as the SVE/Sparging System in the UST Area was demolished as part of the UST tank removal activity.

The AST/UST Area system was shut down since August of 2006 and remains offline pending supplemental remedial action in the AST/UST and UST areas and eventual permanent disconnection. The SVE System in the NPL Area has been operated on a voluntary basis as an additional safeguard against potential vapor release. However, the system was shut down in November 2007 following review of recent air stream sample analyses that indicate this area poses no potential hazard associated with vapor release; therefore continued operations of the system at this time would be inefficient.

Air stream analytical samples were collected in June 2007. The air samples are analyzed for volatile constituents by Microseeps Inc. of Pittsburgh, Pennsylvania. The air stream samples represent a grab sample of the system influent (main header) and effluent (post carbon) for the date collected. Influent sample results vary depending upon system extraction efficiency related to the moisture content in the vadose zone and the quantity of condensate water collected in the SVE wells and piping laterals. System air stream analytical data is presented in Appendix B.

5.0 Future Plans

Operation, maintenance and monitoring of the remedial systems will continue in Year 2008. Phase II of the Supplemental Remedial Actions will commence with continued concentration on the off-site groundwater plumes and residential vapor mitigation. This phase will include the completion/start-up of RW-6D.

TABLES

Table 1

**Soil and Groundwater Remedial Action Objectives (RAOs)
Essex/Hope Site
Jamestown, New York**

MEDIA	PARAMETER	RAO
Soil	Total Volatile Organics Compounds (VOCs)	10 ppm
	Each individual VOC	1 ppm
	Total Semi-Volatile Organic Compounds (SVOCs)	500 ppm
	Each Individual SVOC	50 ppm
	Polychlorinated Biphenyls (PCBs)	10 ppm
Groundwater⁽¹⁾	Trans -1,2-Dichloroethylene	5 ppb
	Trichloroethene (trichloroethylene)	5 ppb
	Vinyl Chloride	5 ppb
	Ethylbenzene	5 ppb
	Toluene	5 ppb
	Xylene	5 ppb
	PCBs	0.1 ppb

(1) = Other compounds, not listed, would have RAOs in compliance with NYSDEC Ambient Groundwater Quality Standards.

ppm = part per million

ppb = part per billion

Table 2

**2007 Groundwater Extraction Summary
Essex/Hope Site
Jamestown, NY**

Period	Recovery Well				
	RW-1S Gallons Pumped	RW-2S Gallons Pumped	RW-3S Gallons Pumped	RW-1D Gallons Pumped	RW-2D Gallons Pumped
1st Quarter	10,981	124,639	2,354	0	275,269
2nd Quarter	7,408	88,110	329	0	200,415
3rd Quarter	8,902	80,712	2,036	0	378,823
4th Quarter	11,130	115,583	165	0	274,468
Total	38,421	409,043	4,884	0	1,128,976

Period	Site Area		
	NPLS Shallow Area Gallons Pumped	AST Area Gallons Pumped	NPLS Lower Fine Sand Water Bearing Zone Gallons Pumped
1st Quarter	135,620	2,354	275,269
2nd Quarter	95,518	329	200,415
3rd Quarter	89,614	2,036	378,823
4th Quarter	126,713	165	274,468
Total	447,464	4,884	1,128,976

Period	Total Estimated Gallons Pumped - All Areas
1st Quarter	413,243
2nd Quarter	296,262
3rd Quarter	470,474
4th Quarter	401,345
Total	1,581,324

Table 3

**2007 Semi-Annual Recovery Well Analytical Results (µg/L)
Essex/Hope Site
Jamestown, NY**

March 28, 2007

Volatile Organic Compounds	Site GW RAOs	RW-1S	RW-1D	RW-2S	RW-2D	RW-3S
Acetone		ND	ND	ND	ND	ND
Benzene		ND	ND	ND	9.7	5.9
Isopropylbenzene (Cumene)		ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	32	ND
cis-1,2-Dichloroethene		53	ND	5.3	5,000	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	35	ND
Ethylbenzene	5	ND	ND	ND	ND	9.7
Toluene	5	ND	ND	ND	ND	ND
Trichloroethene	5	460	ND	ND	2,000	ND
Vinyl Chloride	5	2.1	ND	ND	830	ND
Xylenes (total)	5	ND	ND	ND	ND	47.4

September 27, 2007

Volatile Organic Compounds	Site GW RAOs	RW-1S	RW-1D	RW-2S	RW-2D	RW-3S
Acetone		ND	ND	ND	ND	ND
Benzene		ND	2.3	ND	8.9	110
Isopropylbenzene (Cumene)		ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND
1,1-Dichloroethene		9.1	ND	ND	29	ND
cis-1,2-Dichloroethene		1,900	290	16	5,500	13
trans-1,2-Dichloroethene	5	13	8.8	ND	45	ND
Ethylbenzene	5	ND	ND	ND	ND	17
Toluene	5	ND	ND	ND	ND	ND
Trichloroethene	5	8,400	ND	62	2,300	11
Vinyl Chloride	5	6.3	36	ND	620	ND
Xylenes (total)	5	ND	ND	ND	ND	35.9

Notes:

Site GW RAOs = Site Groundwater Remedial Action Objectives

µg/l = Micrograms per liter

ND = Not Detected/Below minimum laboratory reporting limit

Table 4

Recovery Well Total VOCs Concentrations
Esses/Hope Site
Jamestown, NY

Recovery Well	RW-1S	RW-2S	RW-2D	RW-3S	RW-1D	RW-4S	RW-5S
Year	Total VOCs Concentrations (µg/L)						
1997	2,683	5,870	9,763	66,046	185	180,888	6,822
1998	14,958	2,625	15,723	48,045	715	486,247	4,117
1999	880	6,146	30,167	6,062	1,498	374,568	1,373
2000	1,366	7,873	13,191	1,862	2,625	361,035	272
2001	9,788	8,432	30,899	2,097	5,569	308,624	1,622
2002	8,006	1,189	29,621	549	8,374	229,480	723
2003	13,869	1,132	26,322	726	5,847		
2004	12,329	605	15,765	328	1,139		
2005	5,761	479	15,725	254	741		
2006	8,936	96	14,833	236	1,104		
2007	10,844	83	16,410	250	337		

Notes:

µg/L = micrograms per liter

VOC = Volatile organic compounds

Table 5

**2007 Annual PMP Wells Analytical Results
Essex/Hope Site
Jamestown, NY**

Volatile Organic Compounds	MW-2	MW-6	MW-7D	MW-7S	MW-8	MW-14D	MW-14S	MW-15D	MW-15S	MW-19D	MW-20	MW-21D	MW-22D	VP-6D
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	11,000	ND	300	ND	ND
Benzene	ND	ND	11	ND	ND	ND	1.3	2.1	ND	ND	ND	300	8.2	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	30	ND	ND
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	29	ND	ND	ND	17	120	ND	ND	ND	650	19	ND
cis-1,2-Dichloroethene	ND	20	8,300	ND	67	ND	1,300	15,000	ND	ND	67	260,000	2,400	55
trans-1,2-Dichloroethene	ND	ND	52	ND	ND	ND	39	170	ND	ND	ND	350	17	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	26	11	ND	ND	ND	810	7,000	ND	ND	270	610,000	14,000	ND
Vinyl Chloride	ND	ND	1,100	ND	17	3.3	81	490	ND	66	ND	2,800	68	3.1
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND

ND = Not detected
µg/L = Micrograms per liter

Table 6

**PMP Wells Total VOCs Concentrations
Esses/Hope Site
Jamestown, NY**

Monitoring Location	MW-2	MW-6	MW-7D	MW-7S	MW-8	MW-14D	MW-14S	MW-15D
Year	Total VOCs Concentrations (µg/L)							
1995	124,650	90	25	430	NA	14	1,135	61
1996	NS	NS	NS	NS	NS	NS	NS	NS
1997	31,958	4,206	1,144	350	146	57	4,800	35
1998	267	87	340,061	160	640	0	1,570	39
1999	82	16	17,111	11	52	3	267	79
2000	190.55	85	426	1,830	63	5	4,423	429
2001	34	0	6,146	32.7	165.4	0	211	2,283
2002	10.5	0	4,556	18.5	65	0	1,363	4,842
2003	8.6	0	3,383	16.5	90	2.2	6,155	10,713
2004	8.9	0	8,077	23.2	760.8	0	5,060	12,522
2005	11	63	9,299	9	80	0	2,014	12,127
2006	0	0	3,910	16.6	80	2.3	5,691	7,124
2007	0	46	9,503	0	84	3.3	2,248	22,782

Notes:

µg/L = micrograms per liter

NS = Not Sampled

VOCs = Volatile organic compounds

Table 6

**PMP Wells Total VOCs Concentrations
Esses/Hope Site
Jamestown, NY**

Monitoring Location	MW-15S	MW-19D	MW-20	MW-21D	MW-22D	PZ-7D	PZ-11D	VP-6D
Year	Total VOCs Concentrations (µg/L)							
1995	216	412	NS	NS	NS	NS	NS	NS
1996	NS	NS	NS	NS	NS	NS	NS	NS
1997	208	830	5,594	NS	NS	NS	NS	NS
1998	97	1,100	33,850	NS	NS	NS	NS	NS
1999	16	1,505	42,380	NS	NS	NS	NS	NS
2000	29	1,300	83,713	NS	NS	NS	NS	NS
2001	0	1,200	40,408	NS	NS	NS	NS	NS
2002	0	660	21,592	NS	NS	NS	NS	NS
2003	13	600	44,280	348,541	20,643	NS	NS	NS
2004	6.9	760	27,302	191,697	15,299	NS	NS	NS
2005	5.9	420	10,222	434,175	18,245	426	0	9.3
2006	9.2	13,240	6,182	614,443	34,326	373	43	16
2007	0	11,176	534	874,476	16,512	NS	NS	58

Notes:

µg/L = micrograms per liter

NS = Not Sampled

VOCs = Volatile organic compounds

Table 7
POTW Monthly Monitoring Summary
2007 System Pre-Carbon
Volatle Organic Compounds (µg/L)

Sample Date	16-Jan-07	12-Feb-07	12-Mar-07	12-Apr-07	7-May-07	6-Jun-07	3-Jul-07	16-Aug-07	11-Sep-07	10-Oct-07	12-Nov-07	19-Dec-07
Acetone	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	4.1	8.5	5.4	5.4	6.7	6.6	8.6	7.5	6.1	6.7	7.0	4.4
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	11	21	14	11	15	17	18	17	14	15	19	11
cis-1,2-Dichloroethene	2,700	4,500	3,200	2,000	4,000	3,100	4,600	4,200	3,300	3,800	4,600	2,200
trans-1,2-Dichloroethene	15	32	ND	22	23	22	45	56	26	20	34	14
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	5.2	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	6.3 B	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	790	1,500	1,000	420	1,200	650	1,700	1,800	1,400	1,900	1,800	670
Vinyl Chloride	350	610	360	340	530	670	480	470	410	470	490	390
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pre-Carbon TOTAL VOCs	3,870	6,672	4,579	2,810	5,775	4,466	6,857	6,551	5,156	6,212	6,950	3,289

Notes:

B = Result qualified as non-detected due to blank contamination.
 ND = Not detected/Below minimum laboratory reporting limit
 µg/L = micrograms per liter
 Pre-Carbon sample results represent system influent.

Table 8
POTW Monthly Monitoring Summary
2007 System Primary Carbon Effluent
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-07	12-Feb-07	12-Mar-07	12-Apr-07	7-May-07	6-Jun-07	3-Jul-07	16-Aug-07	11-Sep-07	10-Oct-07	12-Nov-07	19-Dec-07
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	11	11	ND	ND	ND	ND	ND	8.0	9.7	ND	6.1	6.8
cis-1,2-Dichloroethene	2,700	3,200	5.1	7.3	140	240	810	3,300	3,200	360	3,800	2,700
trans-1,2-Dichloroethene	7.2	13	ND	ND	ND	ND	ND	23	13	ND	8.0	7.0
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	6.4 B	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	120	69	ND	ND	ND	ND	27	140	150	ND	ND	ND
Vinyl Chloride	400	510	680	690	860	910	600	550	500	690	4,600	300
Total Xylenes	ND	ND	ND	697	1,000	ND	ND	ND	ND	ND	ND	ND
Primary-Carbon TOTAL VOCs	3,238	3,803	685	697	1,000	1,150	1,437	4,021	3,873	1,050	8,414	3,014

Notes:

B = Result qualified as non-detect due to blank contamination.
 ND = Not detected/Below minimum laboratory reporting limit
 µg/L = micrograms per liter
 Primary Carbon sample results represent effluent from the first carbon vessel in the two (2) carbon vessel system.

Table 9
POTW Monthly Monitoring Summary
2007 System Post Carbon Effluent
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-07	12-Feb-07	12-Mar-07	12-Apr-07	7-May-07	6-Jun-07	3-Jul-07	16-Aug-07	11-Sep-07	10-Oct-07	12-Nov-07	19-Dec-07
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	6.3	5.6	29	17	18	21	17	15	ND	340	200	120
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	6.5 B	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	400	530	9.9	290	790	820	610	980	730	160	270	430
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Post-Carbon TOTAL VOCs	406	536	39	307	808	841	627	995	730	500	470	550

Notes:

B = Result qualified as non-detect due to blank contamination.

ND = Not detected/Below minimum laboratory reporting limit

µg/L = micrograms per liter

POTW Discharge Limit = 2,130 µg/L Total Toxic Organics (VOCs)

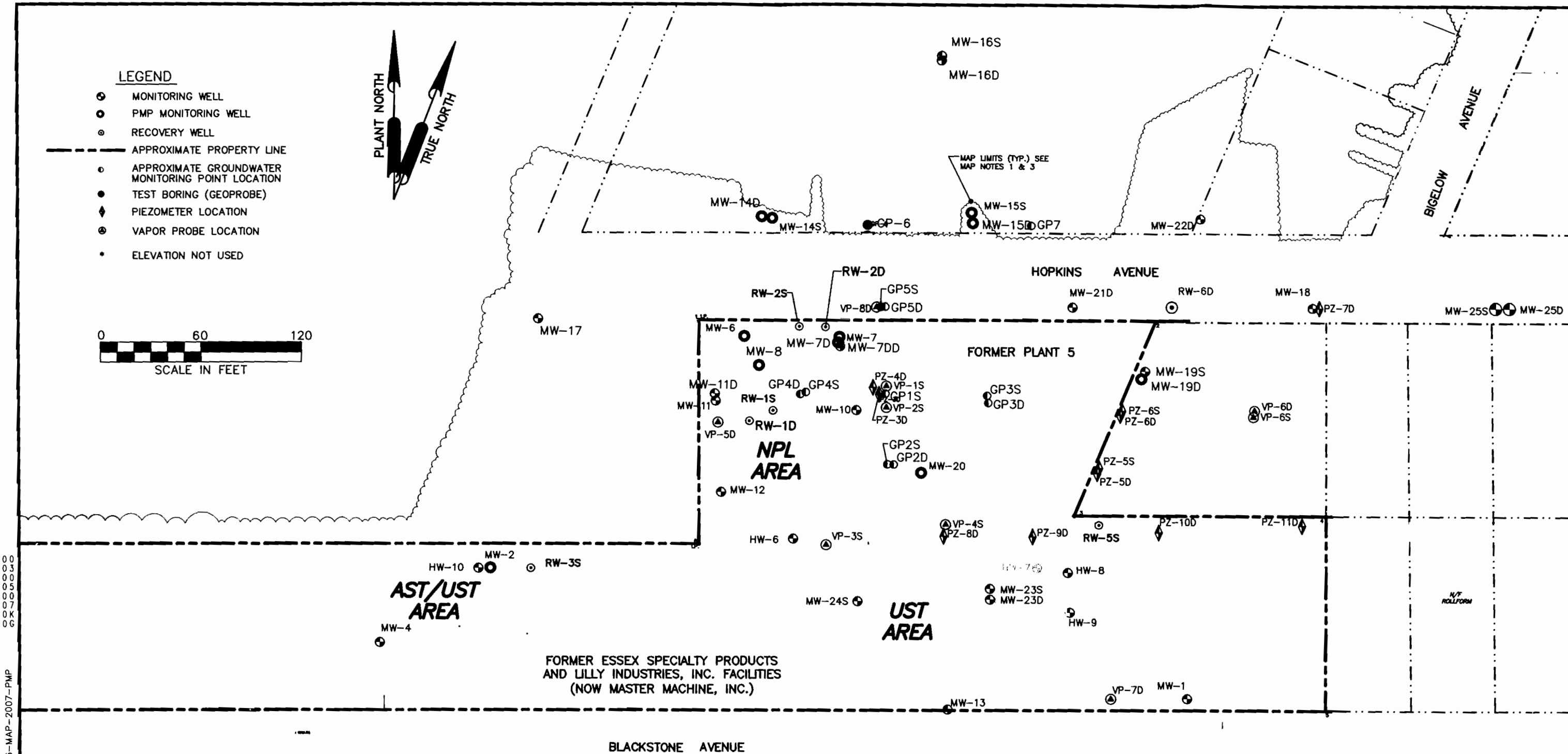
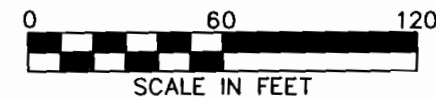
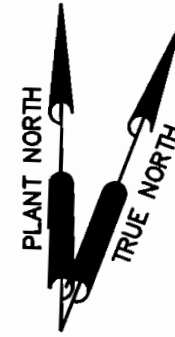
Post-Carbon sample results represent system effluent from the secondary carbon vessel (or the third carbon vessel if used) to the POTW.
Post-Carbon sample is a laboratory prepared composite of four (4) grab samples taken at 30-minute intervals.

September 2007 sample results are not accurate due to laboratory error in analyzing sample at dilution only.

FIGURES

LEGEND

- MONITORING WELL
- PMP MONITORING WELL
- RECOVERY WELL
- APPROXIMATE PROPERTY LINE
- APPROXIMATE GROUNDWATER MONITORING POINT LOCATION
- TEST BORING (GEOPROBE)
- ◆ PIEZOMETER LOCATION
- VAPOR PROBE LOCATION
- * ELEVATION NOT USED



MAP REFERENCE AND CONTROL NOTES:

1. BASE MAPPING INCLUDING THE LOCATIONS OF SOME OF THE BUILDINGS, ROADS, CURBS/SIDEWALKS, FENCING, PAVED AREAS, ALL UTILITIES (UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE), AND PROPERTY BOUNDARY WAS PROVIDED BY MICHAEL J. RODGERS AND ASSOCIATES, LAND SURVEYORS, BEMUS POINT, NEW YORK, N.Y.S. LICENSE No. 49232. THE BASE MAP WAS A SEPIA HARD COPY AT A SCALE OF 1"=20', DATED APRIL 15, 1992, LAST REVISION DATE MARCH 10, 1993. RECOVERY WELLS, SPARGE WELLS, AND SVE WELLS WERE SURVEYED AUGUST, 1997. MONITORING WELLS IN THE VICINITY OF THE REMEDIAL ACTION CONSTRUCTION WERE SURVEYED AUGUST, 1997. OTHER MONITORING WELLS WERE EITHER PART OF THE APRIL, 1992 MAP/SURVEY OR NOT SURVEYED AT ALL. SEE MONITORING WELL TABLE AND MONITORING WELL NOTES FOR MORE INFORMATION. COORDINATE INFORMATION SHOWN AT THE BUILDING CORNERS CAME FROM THE MICHAEL J. RODGERS SURVEY DONE ON JANUARY 9, 1998. ALL OTHER BUILDING CORNERS ARE APPROXIMATE. THE SITE AREA BEYOND THE 1998 SURVEY WAS MAPPED BY URS CORPORATION IN AUGUST 2006. THIS MAPPING USED THE SAME VERTICAL AND HORIZONTAL REFERENCE DATA AS THE PREVIOUS SURVEY. THE MAPPING WAS MERGED WITH THE 1998 DATA TO PRODUCE A COMPOSITE SITE BASE MAP. THE LIMITS OF THE COMPOSITE SURVEY MAP ARE SHOWN ON THE DRAWING. SEE MAP REFERENCE 3.

2. VERTICAL BENCH MARK INFORMATION CAME FROM U.S.G.S. PLAOUE U-88-S.E. ABUTT. ERIE R.R. BRIDGE OVER BUFFALO ST., ELEV.=1296.034 (NATIONAL GEODETIC VERTICAL DATUM, 1929). HORIZONTAL COORDINATES PROVIDED FOR THE MONITORING WELLS AND THE PROPERTY CORNERS ARE BASED ON A LOCAL GRID ESTABLISHED BY THE SURVEYOR. N10000, E10000 IS A PK NAIL SET IN THE CONCRETE CURB/GUTTER AND IS PART OF THE ORIGINAL TRAVERSE. IRON STAKES WERE SET AT THE PROPERTY CORNERS.

3. AREAS OUTSIDE OF CLOUD LINE: PROPERTY LINES AND MAPPING ADJACENT TO BIGELOW AVENUE, NORTH & SOUTH OF HOPKINS AVENUE & EAST OF BIGELOW AVENUE, AND SOUTH OF BLACKSTONE AVENUE WERE TAKEN FROM A VARIETY OF SOURCES INCLUDING SEPIA MYLAR SITE MAP (SEE REFERENCE 1), USGS 7.5 MINUTE TOPOGRAPHIC MAP - JAMESTOWN, NY, CITY OF JAMESTOWN TAX MAP RECORDS, AND URS FIELD RECONNAISSANCE. LOCATIONS AND DIMENSIONS IN THESE AREAS ARE APPROXIMATE.

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PITTSBURGH, PENNSYLVANIA

2007 ANNUAL PERFORMANCE MONITORING REPORT EXISTING SITE PLAN

ESSEX/HOPE SITE

JAMESTOWN, NY

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

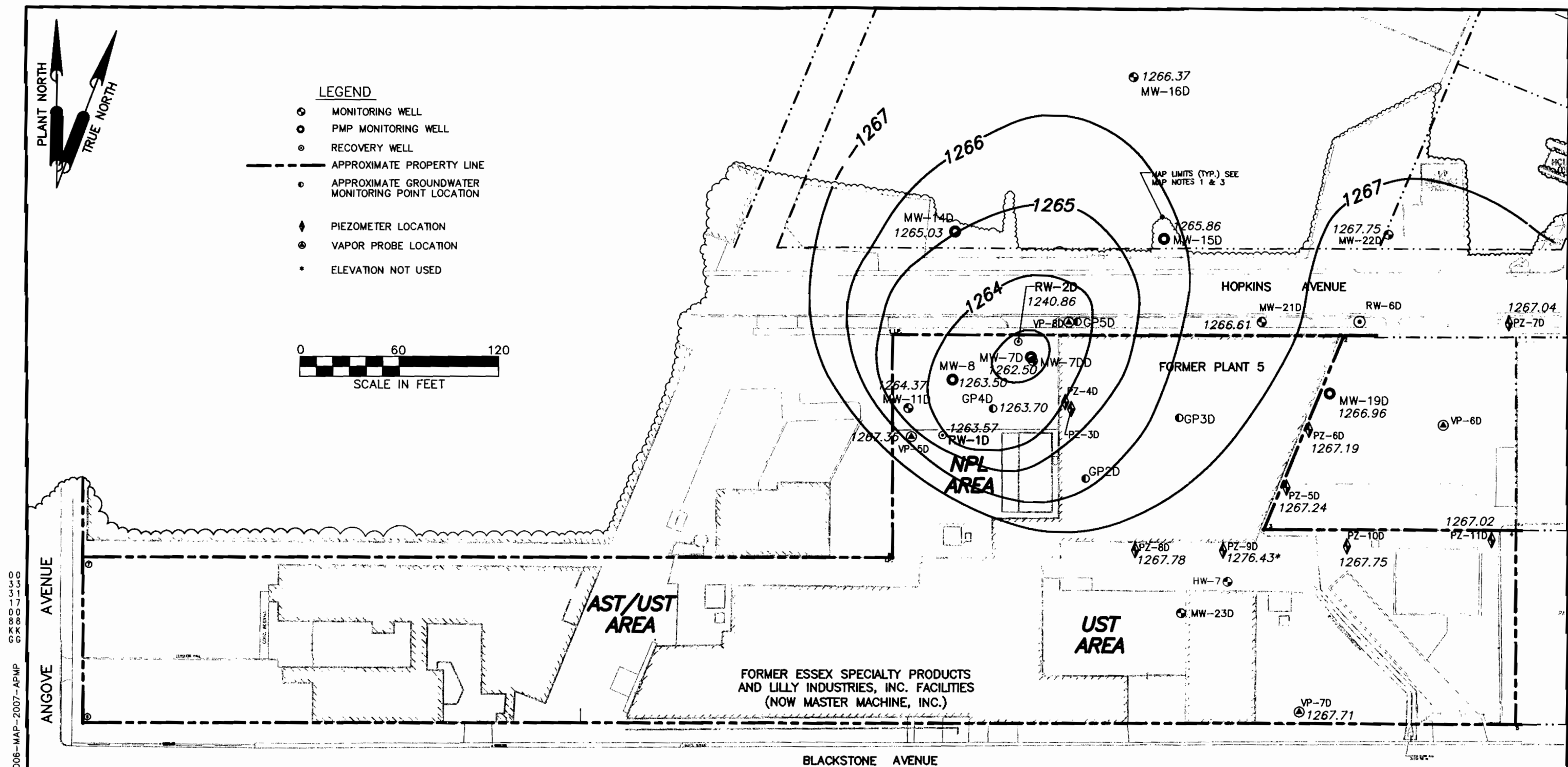
JOB NUMBER: 41568140

SCALE: AS SHOWN

FIGURE
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MAP REFERENCE AND CONTROL NOTES:

1. BASE MAPPING INCLUDING THE LOCATIONS OF SOME OF THE BUILDINGS, ROADS, CURBS/SIDEWALKS, FENCING, PAVED AREAS, ALL UTILITIES (UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE), AND PROPERTY BOUNDARY WAS PROVIDED BY MICHAEL J. ROGERS AND ASSOCIATES, LAND SURVEYORS, BENJAMIN POINT, NEW YORK, N.Y. LICENSE NO. 49232. THE BASE MAP WAS A SEPIA HARD COPY AT A SCALE OF 1"=20', DATED APRIL 15, 1992. LAST REVISION DATE MARCH 10, 1993. RECOVERY WELLS, SPARGE WELLS, AND SVE WELLS WERE SURVEYED AUGUST, 1997. MONITORING WELLS IN THE VICINITY OF THE REMEDIAL ACTION CONSTRUCTION WERE SURVEYED AUGUST, 1997. OTHER MONITORING WELLS WERE EITHER PART OF THE APRIL, 1992 MAP/SURVEY OR NOT SURVEYED AT ALL. SEE MONITORING WELL TABLE AND MONITORING WELL NOTES FOR MORE INFORMATION. COORDINATE INFORMATION SHOWN AT THE BUILDING CORNERS CAME FROM THE MICHAEL J. ROGERS SURVEY DONE ON JANUARY 9, 1998. ALL OTHER BUILDING CORNERS ARE APPROXIMATE. THE SITE AREA BEYOND THE 1998 SURVEY WAS MAPPED BY URS CORPORATION IN AUGUST 2006. THIS MAPPING USED THE SAME VERTICAL AND HORIZONTAL REFERENCE DATA AS THE PREVIOUS SURVEY. THE MAPPING WAS MERGED WITH THE 1998 DATA TO PRODUCE A COMPOSITE SITE BASE MAP. THE LIMITS OF THE COMPOSITE SURVEY MAP ARE SHOWN ON THE DRAWING. SEE MAP REFERENCE 3.

2. VERTICAL BENCH MARK INFORMATION CAME FROM U.S.G.S. PLAQUE U-88-S.E. ABUTT. ERIE R.R. BRIDGE OVER BUFFALO ST., ELEV.=1298 D34 (NATIONAL GEODETIC VERTICAL DATUM, 1929). HORIZONTAL COORDINATES PROVIDED FOR THE MONITORING WELLS AND THE PROPERTY CORNERS ARE BASED ON A LOCAL GRID ESTABLISHED BY THE SURVEYOR. N10000, E10000 IS A PK NAIL SET IN THE CONCRETE CURB/GUTTER AND IS PART OF THE C TRAVERSE. IRON STAKES WERE SET AT THE PROPERTY CORNERS.

3. AREAS OUTSIDE OF CLOUD LINE: PROPERTY LINES AND MAPPING ADJACENT TO BIGELOW AVENUE, NORTH & SOUTH OF HOPKINS AVENUE & EAST OF BIGELOW AVENUE, AND SOUTH OF BLACKSTONE AVENUE WERE TAKEN FROM A VARIETY OF SOURCES INCLUDING SEPIA MYLAR SITE MAP (SEE REFERENCE 1), USGS 7.5 MINUTE TOPOGRAPHIC MAP - JAMESTOWN, NY, CITY OF JAMESTOWN TAX MAP RECORDS, AND URS FIELD RECONNAISSANCE. LOCATIONS AND DIMENSIONS IN THESE AREAS ARE APPROXIMATE.

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2007 ANNUAL PERFORMANCE MONITORING REPORT
DEEP GROUNDWATER POTENTIOMETRIC SURFACE – JANUARY 17, 2007

ESSEX/HOPE SITE

JAMESTOWN, NY

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

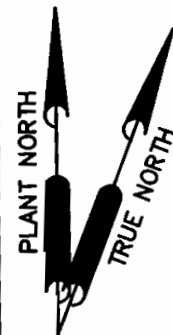
JOB NUMBER: 41568140

SCALE: AS SHOWN

FIGURE
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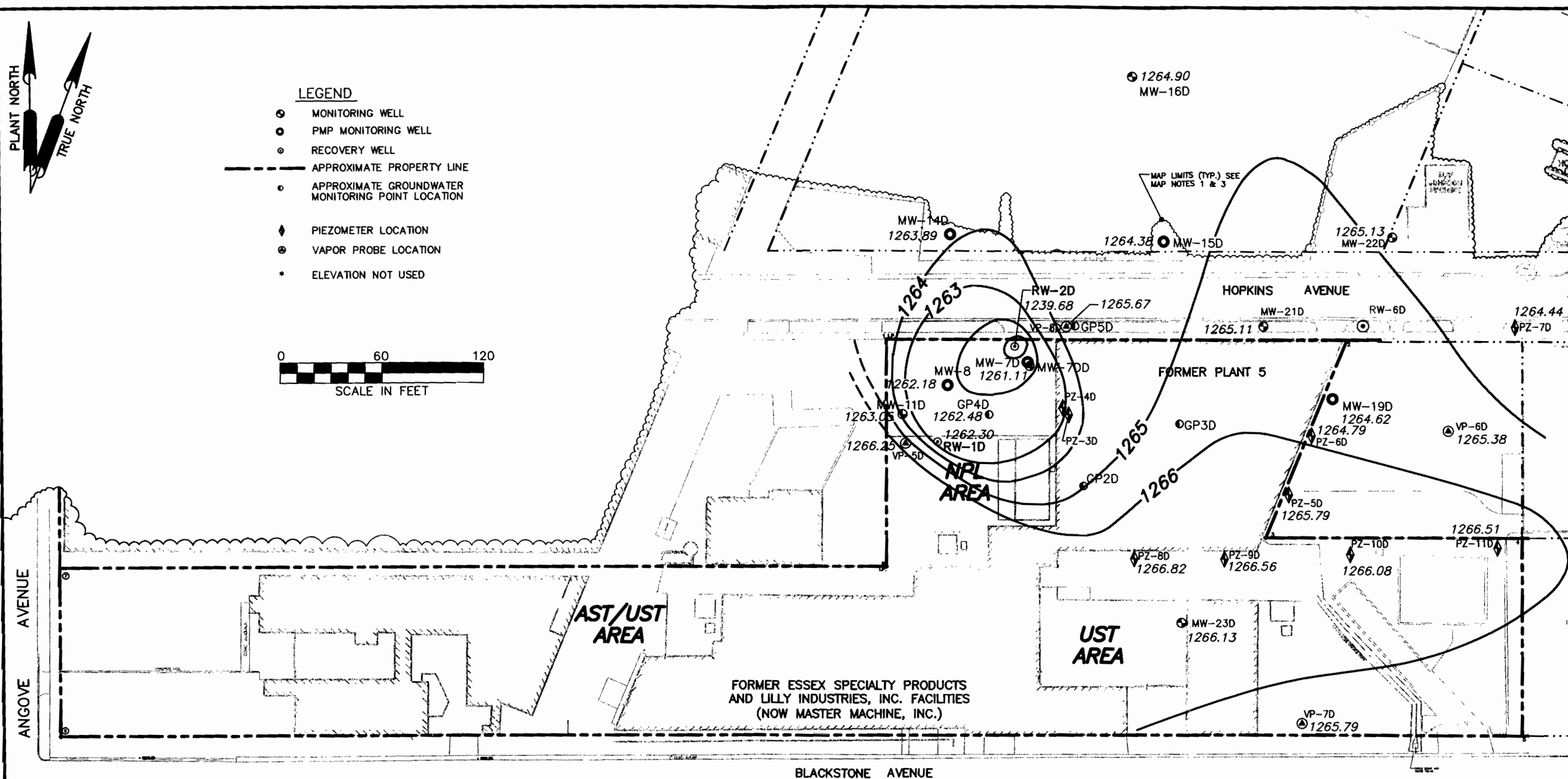


LEGEND

- MONITORING WELL
- PMP MONITORING WELL
- RECOVERY WELL
- APPROXIMATE PROPERTY LINE
- APPROXIMATE GROUNDWATER MONITORING POINT LOCATION
- ◆ PIEZOMETER LOCATION
- ⊕ VAPOR PROBE LOCATION
- * ELEVATION NOT USED



SCALE IN FEET



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PITTSBURGH, PENNSYLVANIA

2007 ANNUAL PERFORMANCE MONITORING REPORT DEEP GROUNDWATER POTENTIOMETRIC SURFACE - JUNE 7, 2007

ESSEX/HOPE SITE

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

JAMESTOWN, NY

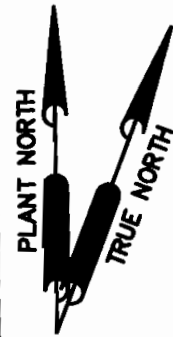
JOB NUMBER: 41568140

SCALE: AS SHOWN

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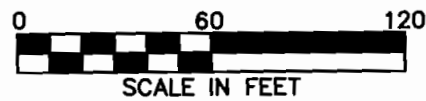
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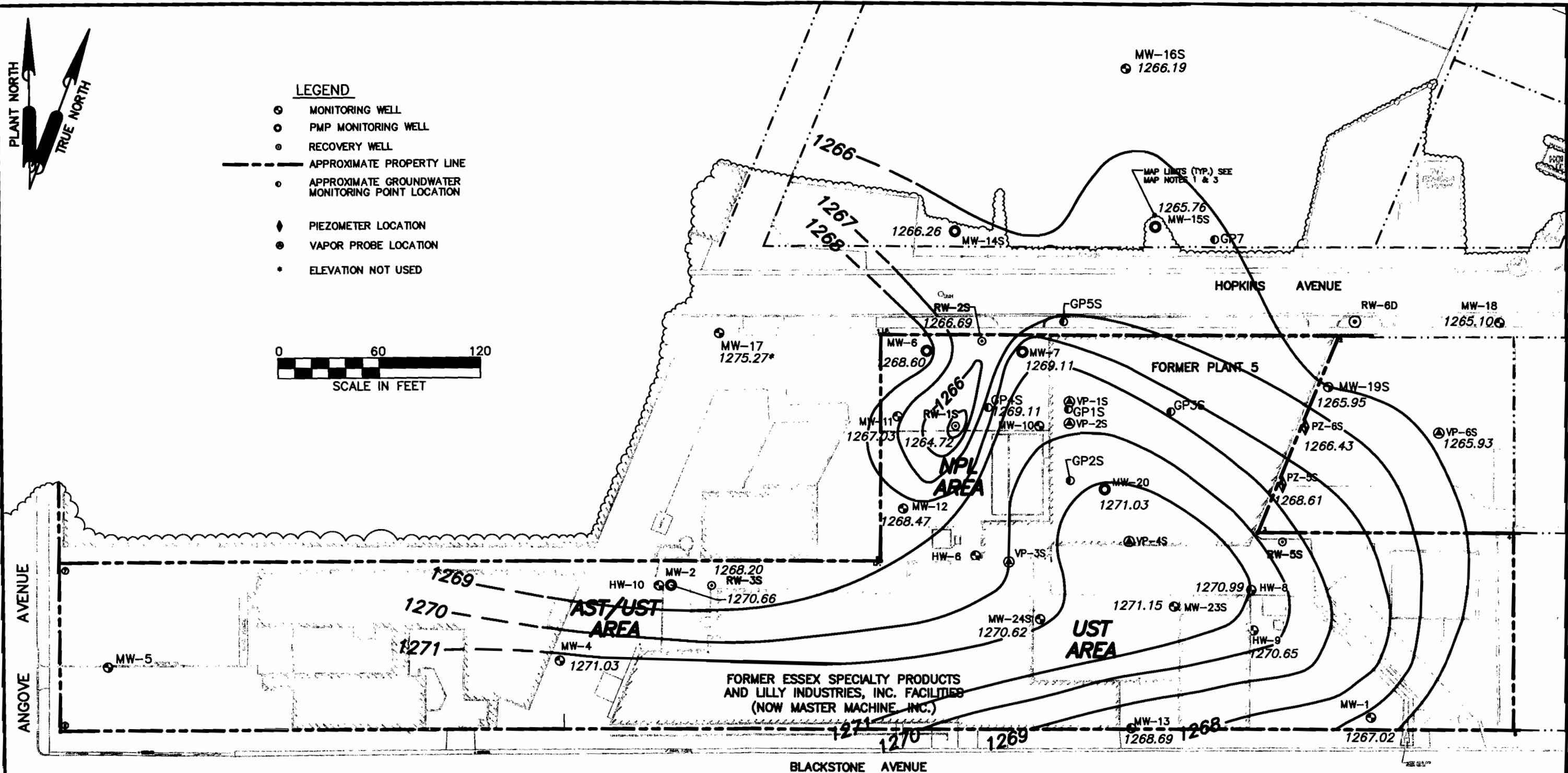


LEGEND

- MONITORING WELL
- PMP MONITORING WELL
- RECOVERY WELL
- - - APPROXIMATE PROPERTY LINE
- APPROXIMATE GROUNDWATER MONITORING POINT LOCATION
- ◆ PIEZOMETER LOCATION
- VAPOR PROBE LOCATION
- * ELEVATION NOT USED



SCALE IN FEET



MAP REFERENCE AND CONTROL NOTES:

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PITTSBURGH, PENNSYLVANIA

2007 ANNUAL PERFORMANCE MONITORING REPORT SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE - JUNE 7, 2007

ESSEX/HOPE SITE

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

JAMESTOWN, NY

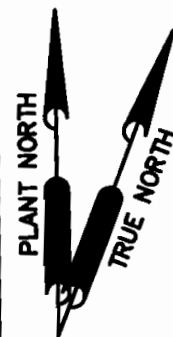
JOB NUMBER: 41568140

SCALE: AS SHOWN

FIGURE
NUMBER

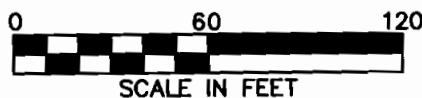
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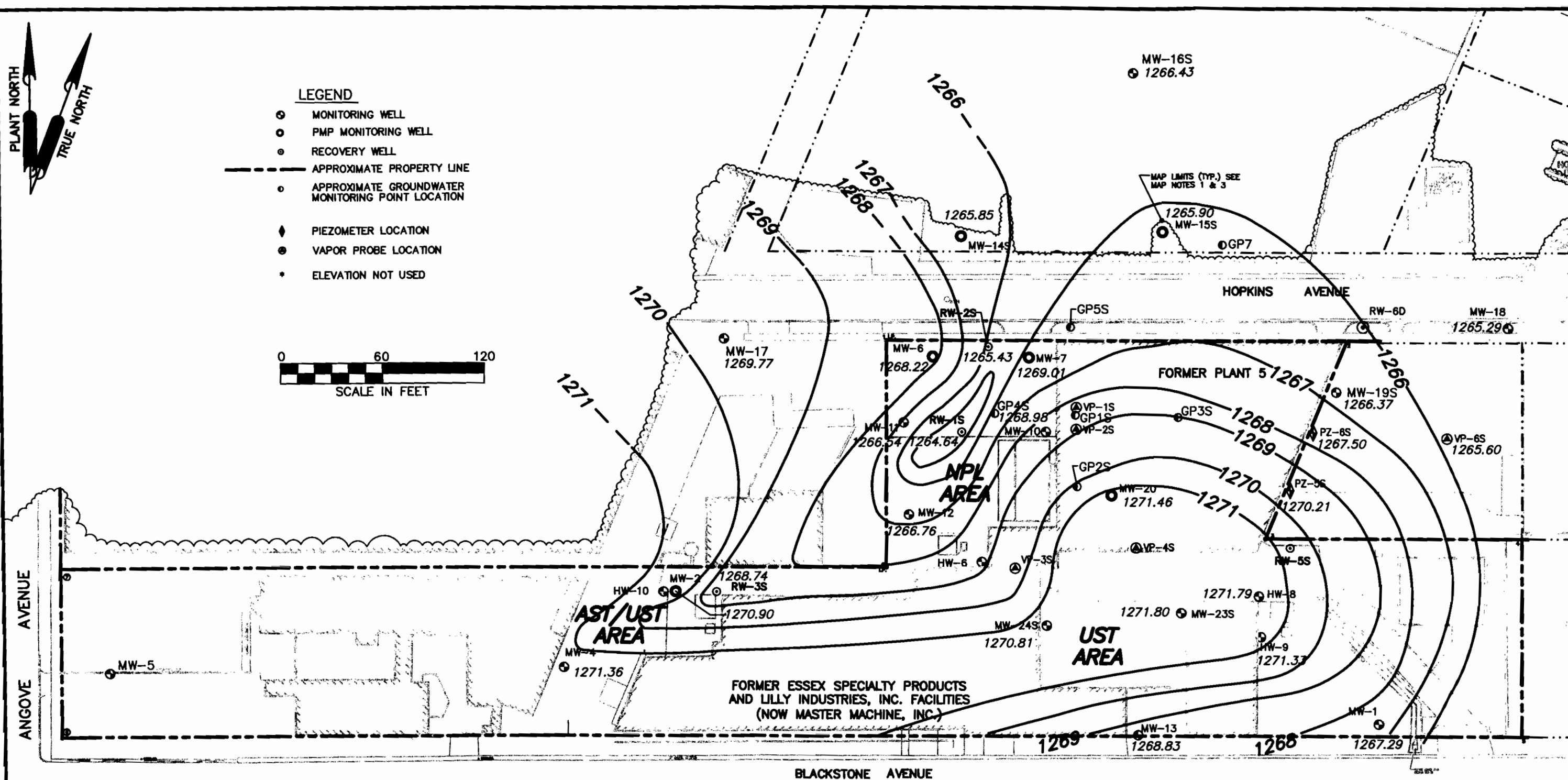


LEGEND

- MONITORING WELL
- PMP MONITORING WELL
- RECOVERY WELL
- APPROXIMATE PROPERTY LINE
- APPROXIMATE GROUNDWATER MONITORING POINT LOCATION
- ◆ PIEZOMETER LOCATION
- VAPOR PROBE LOCATION
- * ELEVATION NOT USED



SCALE IN FEET



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2007 ANNUAL PERFORMANCE MONITORING REPORT SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE - AUGUST 15, 2007

ESSEX/HOPE SITE

JAMESTOWN, NY

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

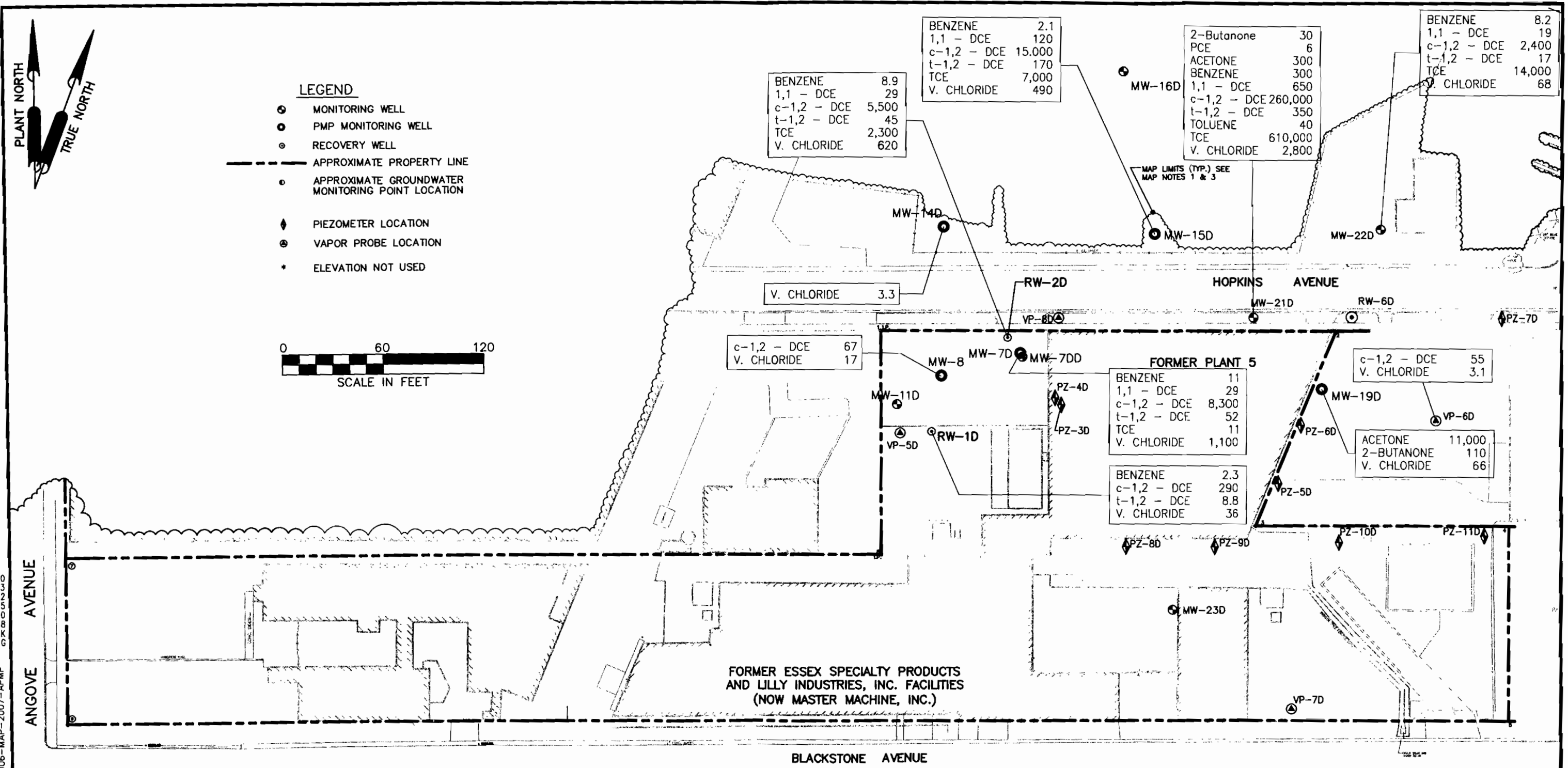
JOB NUMBER: 41568140

SCALE: AS SHOWN

FIGURE
NUMBER 8

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FILE: \\ESSEX\HOP\2006-MAP\PM-2007\AUG-2006-MAP-2007-APMP



MAP REFERENCE AND CONTROL NOTES:

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PITTSBURGH, PENNSYLVANIA

2007 ANNUAL PERFORMANCE MONITORING REPORT

DEEP GROUNDWATER ANALYTICAL DATA - NOVEMBER 2007

ESSEX/HOPE SITE

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

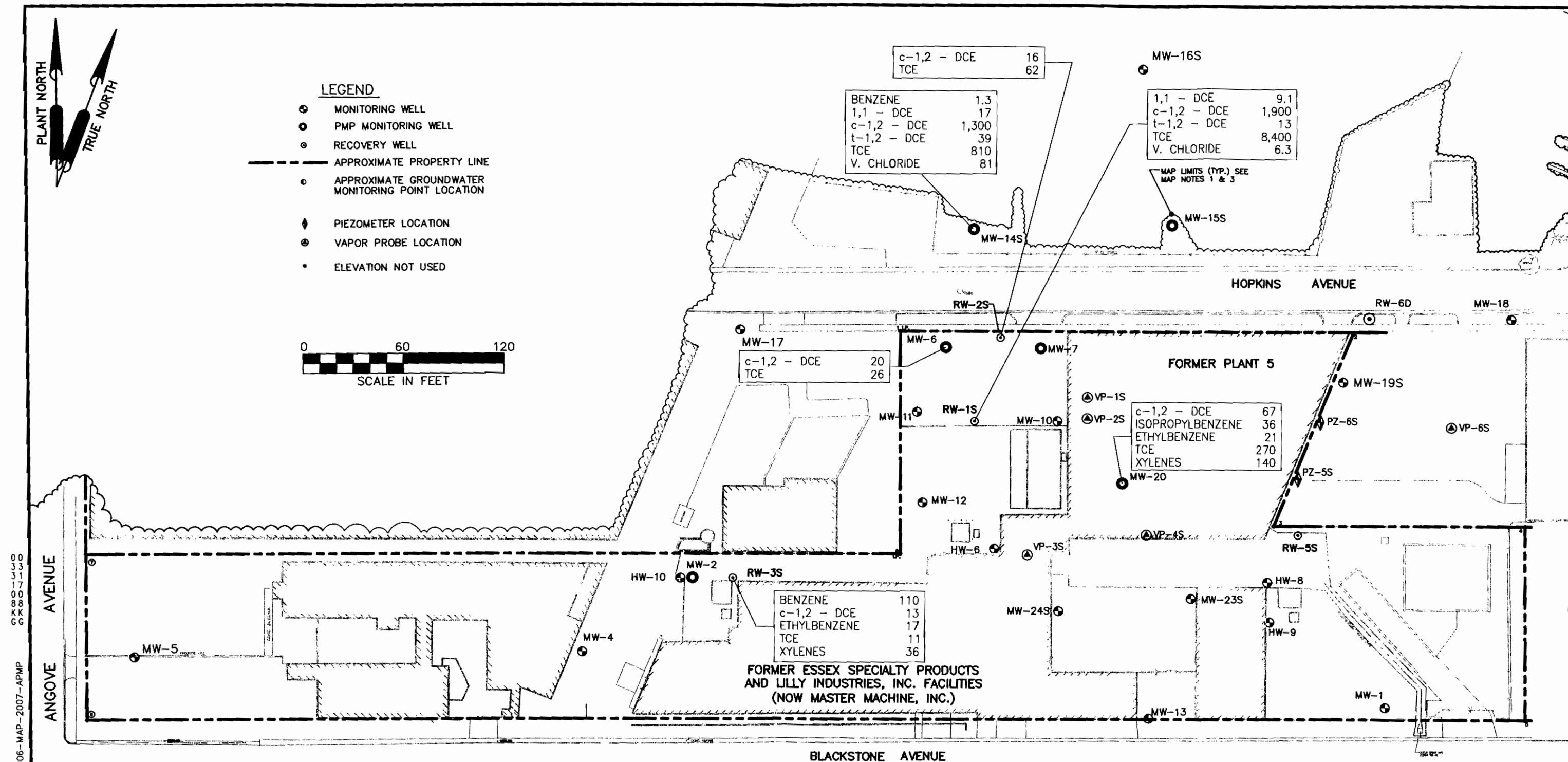
SCALE: AS SHOWN

JAMESTOWN, NY

JOB NUMBER: 41568140

FIGURE NUMBER 9

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MAP REFERENCE AND CONTROL NOTES:

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PITTSBURGH, PENNSYLVANIA

2007 ANNUAL PERFORMANCE MONITORING REPORT
SHALLOW GROUNDWATER ANALYTICAL DATA – NOVEMBER 2007

ESSEX/HOPE SITE

JAMESTOWN, NY

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

JOB NUMBER: 41568140

SCALE: AS SHOWN

FIGURE
NUMBER

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APPENDIX A

GROUNDWATER EXTRACTION MONITORING DATA

APPENDIX A-1

WATER LEVEL DATA

APPENDIX A-1

2007 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	January 17, 2007			June 7, 2007		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)	Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
MW-1	9758.7161	10383.6499	1280.48		20.0	Shallow	11.73	NA	1268.75	13.46	NA	1267.02
MW-2	9837.1531	9959.6857	1279.87		16.0	Shallow	8.15	NA	1271.72	9.21	NA	1270.66
MW-4	9792.3277	9900.7631	1281.02	13.0	18.0	Shallow	8.92	NA	1272.10	9.99	NA	1271.03
MW-5	9789.6222	9631.761	1280.82	9.5	20.0	Shallow	NM	NA	NA	NM	NA	NA
MW-6	9977.1197	10118.8762	1277.98			Shallow	8.07	NA	1269.91	9.38	NA	1268.60
MW-7	9976.6467	10175.6797	1277.73	10.0	20.0	Shallow	7.63	NA	1270.10	8.62	NA	1269.11
MW-7D	9973.2593	10174.8524	1277.8	35.0	45.0	Deep	15.30	NA	1262.50	16.69	NA	1261.11
MW-7DD	9970.8547	10176.2698	1277.74	90.0	100.0	Glacial Till	NM	NA	NA	NM	NA	NA
MW-8	9959.6089	10127.6898	1277.97	39.6	49.6	Deep	14.47	NA	1263.50	15.79	NA	1262.18
MW-10	9932.4702	10185.7078	1277.94	8.5	18.5	Shallow	NM	NA	NA	NM	NA	NA
MW-11	9937.9912	10101.7016	1277.75	5.0	15.0	Shallow	7.81	NA	1269.94	10.72	NA	1267.03
MW-11D	9942.3792	10101.1482	1277.85	35.0	45.0	Deep	13.48	NA	1264.37	14.80	NA	1263.05
MW-12	9883.0874	10104.9278	1278.18	4.0	14.0	Shallow	7.03	NA	1271.15	9.71	NA	1268.47
MW-13	9752.0619	10240.2934	1278.12	8.0	18.0	Shallow	6.62	NA	1271.50	9.43	NA	1268.69
MW-14S	10048.7753	10135.5198	1280.25	10.0	20.0	Shallow	12.53	NA	1267.72	13.99	NA	1266.26
MW-14D	10049.5051	10129.1897	1280.01	40.0	50.0	Deep	14.98	NA	1265.03	16.12	NA	1263.89
MW-15S	10051.8272	10254.4862	1279.55	10.0	20.0	Shallow	10.91	NA	1268.64	13.79	NA	1265.76
MW-15D	10045.5611	10255.205	1279.46	34.0	44.0	Deep	13.60	NA	1265.86	15.08	NA	1264.38
MW-16S	10146.7788	10236.8582	1279.32	7.0	17.0	Shallow	10.62	NA	1268.70	13.13	NA	1266.19
MW-16D	10143.9497	10236.6005	1279.05	36.0	46.0	Deep	12.68	NA	1266.37	14.15	NA	1264.90
MW-17	9987.6315	9995.5207	1278.7			Deep	9.91	NA	1268.79	3.43	NA	1275.27
MW-18	9994.6655	10459.2207	1275.49		20.0	Shallow	7.54	NA	1267.95	10.39	NA	1265.10
MW-19S	9956.1454	10358.207	1276.82	9.0	19.0	Shallow	8.16	NA	1268.66	10.87	NA	1265.95
MW-19D	9951.569	10355.9748	1276.21	34.0	44.0	Deep	9.25	NA	1266.96	11.59	NA	1264.62
MW-20	9894.7336	10224.5128	1278.56	6.5	11.5	Shallow	5.84	NA	1272.72	7.53	NA	1271.03
MW-21D	9995.0094	10314.801	1276.12	31.5	41.0	Deep	9.51	NA	1266.61	11.01	NA	1265.11
MW-22D	10048.1687	10391.3548	1276.04	32.5	42.0	Deep	8.29	NA	1267.75	10.91	NA	1265.13
MW-23S	9824.696	10265.6365	1277.85	5.0	14.5	Shallow	4.72	NA	1273.13	6.70	NA	1271.15
MW-23D	9818.3152	10265.6675	1277.89	28.0	37.5	Deep	10.61	NA	NA	11.76	NA	1266.13
MW-24S	9817.1277	10186.2119	1278.77	5.0	14.5	Shallow	6.61	NA	1272.16	8.15	NA	1270.62

APPENDIX A-1

2007 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	January 17, 2007			June 7, 2007		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)	Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
HW-8	9834.664	10312.0885	1277.81	6.0	16.0	Shallow	4.35	NA	1273.46	6.82	NA	1270.99
HW-9	9810.5264	10313.3873	1280.78	6.0	16.0	Shallow	7.65	NA	1273.13	10.13	NA	1270.65
HW-10	9837.2976	9966.7406	1279.55	7.0	17.0	Shallow	NA	NA	NA	NA	NA	NA
RW-1S	9932.3606	10136.0515	1275.81	10.5	16.0	Shallow	10.90	11.50	1264.91	11.09	11.50	1264.72
RW-1D	9925.9898	10121.7689	1276.34	32.0	57.0	Deep	12.77	NA	NA	14.04	NM	1262.30
RW-2S	9982.9501	10151.7112	1276.33	10.0	15.5	Shallow	10.77	12.70	1265.56	9.64	12.70	1266.69
RW-2D	9982.6088	10169.3122	1276.35	27.0	42.0	Deep	35.49	36.90	1240.86	36.67	36.90	1239.68
RW-3S	9937.0894	9990.9663	1278.14	9.0	13.5	Shallow	7.49	8.80	1270.65	9.94	8.80	1268.20
RW-5S	9863.4298	10330.7462	1277.29	7.0	10.0	Shallow	NM	NA	NA	NM	NA	NA
GP-1S	9942.4384	10203.1085	1278.83	8.0	12.8	Shallow	NM	NA	NA	NM	NA	NA
GP-2S	9899.8775	10204.1632	1278.46	2.6	12.6	Shallow	NM	NA	NA	NM	NA	NA
GP-2D	9899.7358	10207.9807	1278.56	30.0	34.8	Deep	NM	NA	NA	NM	NA	NA
GP-3S	9941.2543	10263.8998	1278.59	4.0	14.0	Shallow	NM	NA	NA	NM	NA	NA
GP-3D	9936.9027	10264.588	1278.62	34.0	38.8	Deep	NM	NA	NA	NM	NA	NA
GP-4S	9940.86*	10154.97*	1278.06	10.8	15.8	Shallow	7.83	NA	1270.23	8.95	NA	1269.11
GP-4D	9942.1743	10152.2232	1277.95	39.0	43.8	Deep	14.25	NA	1263.70	15.47	NA	1262.48
GP-5S	9994.7299	10200.2055	1277.44	7.0	11.8	Shallow	NM	NA	NA	NM	NA	NA
GP-5D	9994.8642	10202.9906	1276.81	36.0	40.8	Deep	NM	NA	NA	NM	NA	NA
PZ-1S	9981.8469	10169.3122	1277.77			Shallow	NM	NA	NA	NM	NA	NA
PZ-1D	9980.4294	10171.2636	1277.64			Deep	NM	NA	NA	NM	NA	NA
PZ-2D	9979.5627	10172.4761	1277.55			Deep	NM	NA	NA	NM	NA	NA
PZ-3D	9942.0414	10199.2937	1278.8	20.0	40.0	Deep	NM	NA	NA	NM	NA	NA
PZ-4D	9946.2326	10195.679	1278.71			Deep	NM	NA	NA	NM	NA	NA
PZ-5S	9997.7381	10330.7876	1276.42	5.5	12.0	Shallow	4.81	NA	1271.61	7.81	NA	1268.61
PZ-5D	9894.5731	10329.7148	1276.4	21.0	42.0	Deep	9.16	NA	1267.24	10.61	NA	1265.79
PZ-6S	9932.2079	10344.4895	1276.61	8.5	13.5	Shallow	7.23	NA	1269.38	10.18	NA	1266.43
PZ-6D	9929.8004	10343.4742	1276.62	25.5	45.5	Deep	9.43	NA	1267.19	11.83	NA	1264.79
PZ-7D	9994.5452	10463.2465	1275.68	22.0	42.0	Deep	8.64	NA	1267.04	11.24	NA	1264.44
PZ-8D	9856.4908	10237.8118	1278.12	21.0	41.0	Deep	10.34	NA	NA	11.30	NA	NA

APPENDIX A-1

2007 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	January 17, 2007			June 7, 2007		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)	Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
PZ-9D	9856.2398	10291.1658	1277.3	19.0	39.0	Deep	0.87	NA	1276.43	10.74	NA	1266.56
PZ-10D	9858.9821	10366.4236	1277.52	26.5	46.5	Deep	9.77	NA	1267.75	11.44	NA	1266.08
PZ-11D	9863.0677	10452.8989	1276.63	21.3	41.3	Deep	9.61	NA	1267.02	10.12	NA	1266.51
VP-5D	9925.1052	10103.0141	1277.88	12.5	34.3	Deep	10.53	NA	1267.35	11.63	NA	1266.25
VP-6S	9928.8123	10423.4628	1276.48	18.3	24.0	Deep upper gravel	8.41	NA	NA	10.55	NA	1265.93
VP-6D	9932.5744	10424.1378	1276.6	29.5	39.5	Deep	9.27	NA	NA	11.22	NA	1265.38
VP-7D	9758.4881	10337.7133	1278.64	20.4	39.3	Deep	10.93	NA	1267.71	12.85	NA	1265.79
VP-8D	9994.6178	10197.8133	1277.15	20.0	39.0	Deep	9.86	NA	NA	11.48	NA	1265.67

Notes:

NM = Not Measure
NA = Not Applicable

RW-4S, RW-5S taken offline in October 2002 for UST Removal.
Wells RW-4S, TW-01, and HW-7 destroyed during UST removal operations.

APPENDIX A-1

2007 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	August 15, 2007		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
MW-1	9758.7161	10383.6499	1280.48		20.0	Shallow	13.19	NA	1267.29
MW-2	9837.1531	9959.6857	1279.87		16.0	Shallow	8.97	NA	1270.90
MW-4	9792.3277	9900.7631	1281.02	13.0	18.0	Shallow	9.66	NA	1271.36
MW-5	9789.6222	9631.761	1280.82	9.5	20.0	Shallow	NM	NA	NA
MW-6	9977.1197	10118.8762	1277.98			Shallow	9.76	NA	1268.22
MW-7	9976.6467	10175.6797	1277.73	10.0	20.0	Shallow	8.72	NA	1269.01
MW-7D	9973.2593	10174.8524	1277.8	35.0	45.0	Deep	17.34	NA	1260.46
MW-7DD	9970.8547	10176.2698	1277.74	90.0	100.0	Glacial Till	NM	NA	NA
MW-8	9959.6089	10127.6898	1277.97	39.6	49.6	Deep	16.37	NA	1261.60
MW-10	9932.4702	10185.7078	1277.94	8.5	18.5	Shallow	7.96	NA	1269.98
MW-11	9937.9912	10101.7016	1277.75	5.0	15.0	Shallow	11.21	NA	1266.54
MW-11D	9942.3792	10101.1482	1277.85	35.0	45.0	Deep	15.33	NA	1262.52
MW-12	9883.0874	10104.9278	1278.18	4.0	14.0	Shallow	11.42	NA	1266.76
MW-13	9752.0619	10240.2934	1278.12	8.0	18.0	Shallow	9.29	NA	1268.83
MW-14S	10048.7753	10135.5198	1280.25	10.0	20.0	Shallow	14.40	NA	1265.85
MW-14D	10049.5051	10129.1897	1280.01	40.0	50.0	Deep	16.85	NA	1263.16
MW-15S	10051.8272	10254.4862	1279.55	10.0	20.0	Shallow	13.65	NA	1265.90
MW-15D	10045.5611	10255.205	1279.46	34.0	44.0	Deep	15.64	NA	1263.82
MW-16S	10146.7788	10236.8582	1279.32	7.0	17.0	Shallow	12.89	NA	1266.43
MW-16D	10143.9497	10236.6005	1279.05	36.0	46.0	Deep	14.77	NA	1264.28
MW-17	9987.6315	9995.5207	1278.7			Deep	8.93	NA	1269.77
MW-18	9994.6655	10459.2207	1275.49		20.0	Shallow	10.20	NA	1265.29
MW-19S	9956.1454	10358.207	1276.82	9.0	19.0	Shallow	10.45	NA	1266.37
MW-19D	9951.569	10355.9748	1276.21	34.0	44.0	Deep	11.48	NA	1264.73
MW-20	9894.7336	10224.5128	1278.56	6.5	11.5	Shallow	7.10	NA	1271.46
MW-21D	9995.0094	10314.801	1276.12	31.5	41.0	Deep	11.47	NA	1264.65
MW-22D	10048.1687	10391.3548	1276.04	32.5	42.0	Deep	10.73	NA	1265.31
MW-23S	9824.696	10265.6365	1277.85	5.0	14.5	Shallow	6.05	NA	1271.80
MW-23D	9818.3152	10265.6675	1277.89	28.0	37.5	Deep	12.37	NA	1265.52
MW-24S	9817.1277	10186.2119	1278.77	5.0	14.5	Shallow	7.96	NA	1270.81

APPENDIX A-1

2007 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	August 15, 2007		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
HW-8	9834.664	10312.0885	1277.81	6.0	15.0	Shallow	6.02	NA	1271.79
HW-9	9810.5264	10313.3873	1280.78	6.0	16.0	Shallow	9.45	NA	1271.33
HW-10	9837.2976	9966.7406	1279.55	7.0	17.0	Shallow	NA	NA	NA
RW-1S	9932.3606	10136.0515	1275.81	10.5	16.0	Shallow	11.17	11.50	1264.64
RW-1D	9925.9898	10121.7689	1276.34	32.0	57.0	Deep	14.61	NM	1261.73
RW-2S	9982.9501	10151.7112	1276.33	10.0	15.5	Shallow	10.90	12.70	1265.43
RW-2D	9982.6088	10169.3122	1276.35	27.0	42.0	Deep	33.50	36.90	1242.85
RW-3S	9837.0894	9990.9663	1278.14	9.0	13.5	Shallow	9.40	8.80	1268.74
RW-5S	9863.4298	10330.7462	1277.29	7.0	10.0	Shallow	NM	NA	NA
GP-1S	9942.4384	10203.1085	1278.83	8.0	12.8	Shallow	NM	NA	NA
GP-2S	9899.8775	10204.1632	1278.46	2.6	12.6	Shallow	NM	NA	NA
GP-2D	9899.7358	10207.9807	1278.56	30.0	34.8	Deep	NM	NA	NA
GP-3S	9941.2543	10263.8898	1278.59	4.0	14.0	Shallow	NM	NA	NA
GP-3D	9936.9027	10264.588	1278.62	34.0	38.8	Deep	NM	NA	NA
GP-4S	9940.86*	10154.97*	1278.06	10.8	15.8	Shallow	9.08	NA	1268.98
GP-4D	9942.1743	10152.2232	1277.95	39.0	43.8	Deep	16.31	NA	1261.64
GP-5S	9994.7299	10200.2055	1277.44	7.0	11.8	Shallow	NM	NA	NA
GP-5D	9994.8642	10202.9906	1276.81	36.0	40.8	Deep	NM	NA	NA
PZ-1S	9981.8469	10169.3122	1277.77			Shallow	NM	NA	NA
PZ-1D	9980.4294	10171.2636	1277.64			Deep	NM	NA	NA
PZ-2D	9979.5527	10172.4761	1277.55			Deep	NM	NA	NA
PZ-3D	9942.0414	10199.2937	1278.8	20.0	40.0	Deep	NM	NA	NA
PZ-4D	9946.2326	10195.679	1278.71			Deep	NM	NA	NA
PZ-5S	9897.7381	10330.7876	1276.42	5.5	12.0	Shallow	6.21	NA	1270.21
PZ-5D	9894.5731	10329.7148	1276.4	21.0	42.0	Deep	10.88	NA	1265.52
PZ-6S	9932.2079	10344.4895	1276.61	8.5	13.5	Shallow	9.11	NA	1267.50
PZ-6D	9929.8004	10343.4742	1276.62	25.5	45.5	Deep	11.38	NA	1265.24
PZ-7D	9994.5452	10463.2465	1275.68	22.0	42.0	Deep	11.04	NA	1264.64
PZ-8D	9856.4908	10237.8118	1278.12	21.0	41.0	Deep	11.95	NA	1266.17

APPENDIX A-1

2007 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	August 15, 2007		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
PZ-9D	9856.2398	10291.1658	1277.3	19.0	39.0	Deep	11.23	NA	1266.07
PZ-10D	9858.9821	10366.4236	1277.52	26.5	46.5	Deep	11.65	NA	1265.87
PZ-11D	9863.0677	10452.8989	1276.63	21.3	41.3	Deep	11.43	NA	1265.20
VP-5D	9925.1052	10103.0141	1277.88	12.5	34.3	Deep	12.52	NA	1265.36
VP-6S	9928.8123	10423.4628	1276.48	18.3	24.0	Deep upper gravel	10.88	NA	1265.60
VP-6D	9932.5744	10424.1378	1276.6	29.5	39.5	Deep	10.97	NA	1265.63
VP-7D	9758.4881	10337.7133	1278.64	20.4	39.3	Deep	12.74	NA	1265.90
VP-8D	9994.6178	10197.8133	1277.15	20.0	39.0	Deep	11.91	NA	1265.24

Notes:

NM = Not Measure
NA = Not Applicable

RW-4S, RW-5S taken offline in October 2002 for UST Removal.
Wells RW-4S, TW-01, and HW-7 destroyed during UST removal operations.

APPENDIX A-2

Groundwater Extraction System Monitoring Data

APPENDIX A-2

2007 Groundwater Extraction System Monitoring Data Essex/Hope Site Jamestown, NY

Date	NPL Area - Shallow WBZ				NPL Area - L.F. Sand WBZ				AST/UST Area - Shallow		Comments
	RW-1S	RW-2S	Total		RW-1D	RW-2D	Total		RW-3S		
	Avg. GPM	Avg. GPM	Avg. GPM	GPM	Avg. GPM	Avg. GPM	Avg. GPM	GPM	Avg. GPM		
01/04/07	0.043	0.475	0.518		Offline	1.49	1.49		0.015	System down on arrival; restart at 1130.	
01/16/07	0.204	2.63	2.834		Offline	3.08	3.08		0.049		
01/31/07	0.03	0.378	0.408		Offline	0.416	0.416		0.0007	System down on arrival; restart.	
02/12/07	0.064	0.562	0.626		Offline	3.03	3.03		0		
02/20/07	0.109	0.939	1.048		Offline	2.95	2.95		0.0004	RWs offline at 1453 for Carbon change out; online 2/21/07 at 1520.	
03/01/07	0.062	0.607	0.669		Offline	3.06	3.06		0.0103		
03/12/07	0.114	1.540	1.654		Offline	3.06	3.06		0.01		
03/28/07	0.046	0.417	0.463		Offline	0.578	0.578		0.0039	System down upon arrival on 3/27/07, restarted at 1300.	
04/12/07	0.138	1.75	1.888		Offline	3.08	3.08		0.009		
04/25/07	0.041	0.542	0.583		Offline	0.718	0.718		0.0002	System down upon arrival, restart at 1235.	
05/07/07	0.138	1.61	1.748		Offline	3.17	3.17		0.001		
05/23/07	0.014	0.15	0.164		Offline	0.685	0.685		0.0004	System down upon arrival, restart at 1156.	
06/06/07	0.018	0.170	0.188		Offline	0.976	0.976		0.0003	System down upon arrival, restart at 1233.	
06/07/07	0.073	1.10	1.173		Offline	3.20	3.20		0.001	RWs offline from 1051 - 1220 hrs for meter cleaning.	
06/21/07	0.025	0.200	0.225		Offline	1.30	1.30		0.005	System down upon arrival, restart at 1210.	
07/03/07	0.059	0.441	0.500		Offline	3.04	3.04		0.01		
07/09/07	0.026	0.022	0.048		Offline	3.09	3.09		0.006	RWs offline at 1245 for RW-2D acid treatment and RW-2S well development.	
07/12/07					Offline					RWs online at 1430.	
07/13/07	0.031	0.157	0.188		Offline		0		0.005	Discharge valve on RW-2D left closed from acid treatment.	
07/16/07	0.027	0.078	0.105		Offline	2.92	2.92		0.008	RWs offline for RW-3S development; back online at 1555.	

APPENDIX A-2

2007 Groundwater Extraction System Monitoring Data Essex/Hope Site Jamestown, NY

Date	NPL Area - Shallow WBZ				NPL Area - L.F. Sand WBZ				AST/UST Area - Shallow		Comments
	RW-1S	RW-2S	Total GPM	Total GPM	RW-1D	RW-2D	Total GPM	RW-3S			
	Avg. GPM	Avg. GPM			Avg. GPM	Avg. GPM					
07/17/07	0.290	0.063	0.353		Offline	2.89	2.89	0.009	RWs offline at 0832 for development of RW-1S and RW-2D; online at 1523 following well development.		
07/17/07	0.560	0.280	0.840		Offline	4.30	4.30	0.000			
07/18/07	0.056	0.169	0.225		Offline	3.04	3.04	0.062			
08/01/07	0.059	0.523	0.582		Offline	2.86	2.86	0.027			
08/16/07	0.054	0.486	0.540		Offline	3.09	3.09	0.019			
08/31/07	0.139	1.53	1.669		Offline	1.48	1.48	0.026	RW-2D VFD down on arrival; reset.		
09/11/07	0.057	0.550	0.607		Offline	3.30	3.30	0.011			
09/26/07	0.053	0.429	0.482		Offline	3.21	3.21	0.001			
10/09/07	0.070	0.731	0.801		Offline	3.20	3.20	0.004			
10/30/07	0.061	0.543	0.604		Offline	3.23	3.23	0.002			
11/12/07	0.085	0.876	0.961		Offline	3.44	3.44	0.0005			
11/27/07	0.163	1.85	2.013		Offline	0.210	0.210	0.0001	RW-2D VFD down on arrival; reset.		
11/30/07	0.286	2.29	2.576		Offline	3.44	3.44	0.0003	RWs offline due to high tank level associated with drilling generated waters. RWs restarted at 1258 following treatment of drilling waters.		
12/03/07	0.044	0.401	0.445		Offline	0.638	0.638	0.0001	RWs offline on arrival and remain offline for continued treatment of drilling waters and carbon bed maintenance.		
12/05/07	0.408	2.84	3.248		Offline	3.81	3.81	0.027	RWs online at 1149 following carbon bed maintenance.		
12/19/07	0.072	0.876	0.948		Offline	1.53	1.53	0.00003	RWs down on arrival; restart.		
12/19/07	0.304	2.53	2.834		Offline	3.80	3.80	0			
01/04/08	0.079	0.751	0.830		Offline	1.24	1.24	0.038	System down on arrival; restart.		

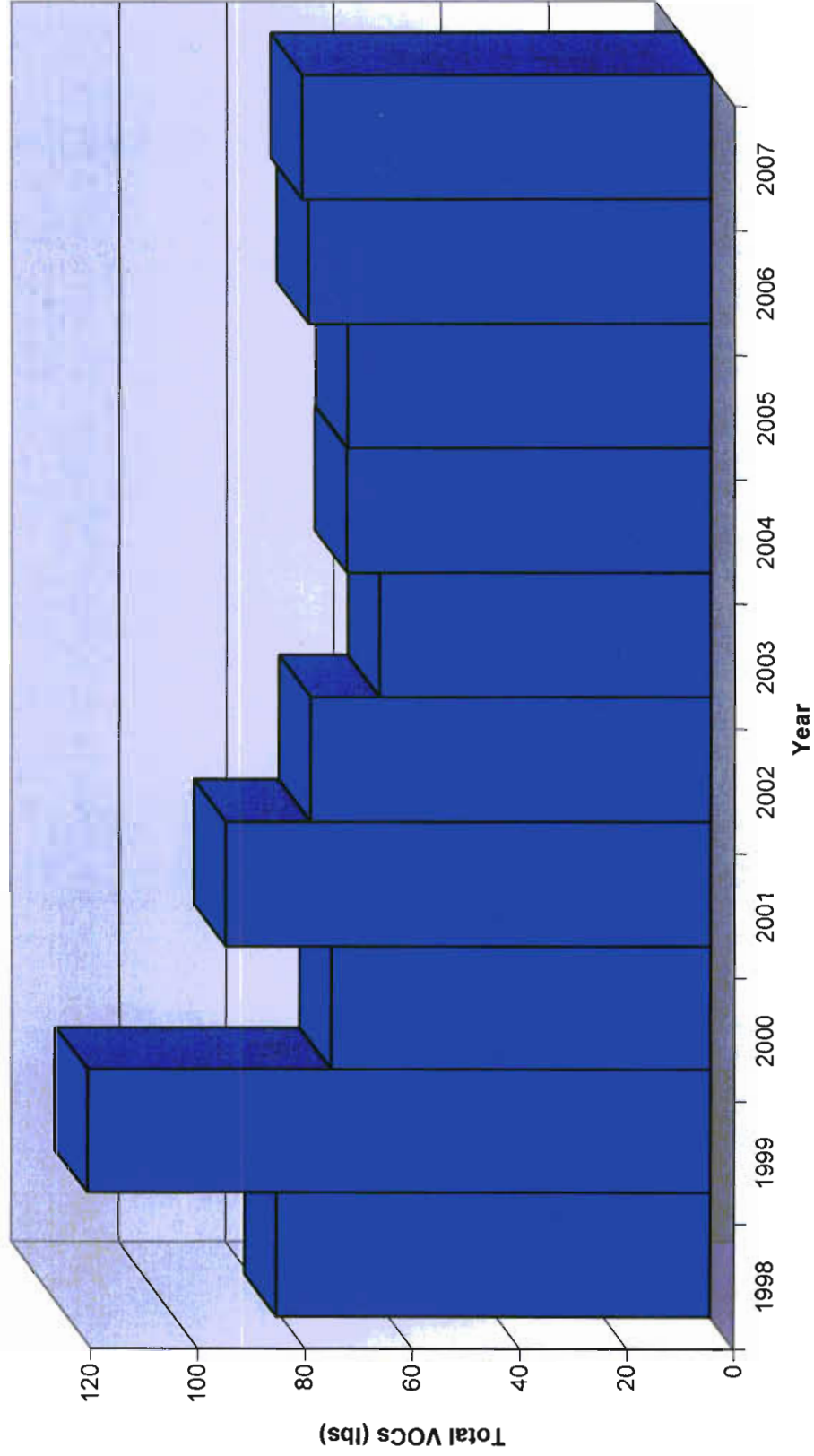
APPENDIX A-3

Recovery Well Performance Data

APPENDIX A-3 - Recovery Well Performance Data

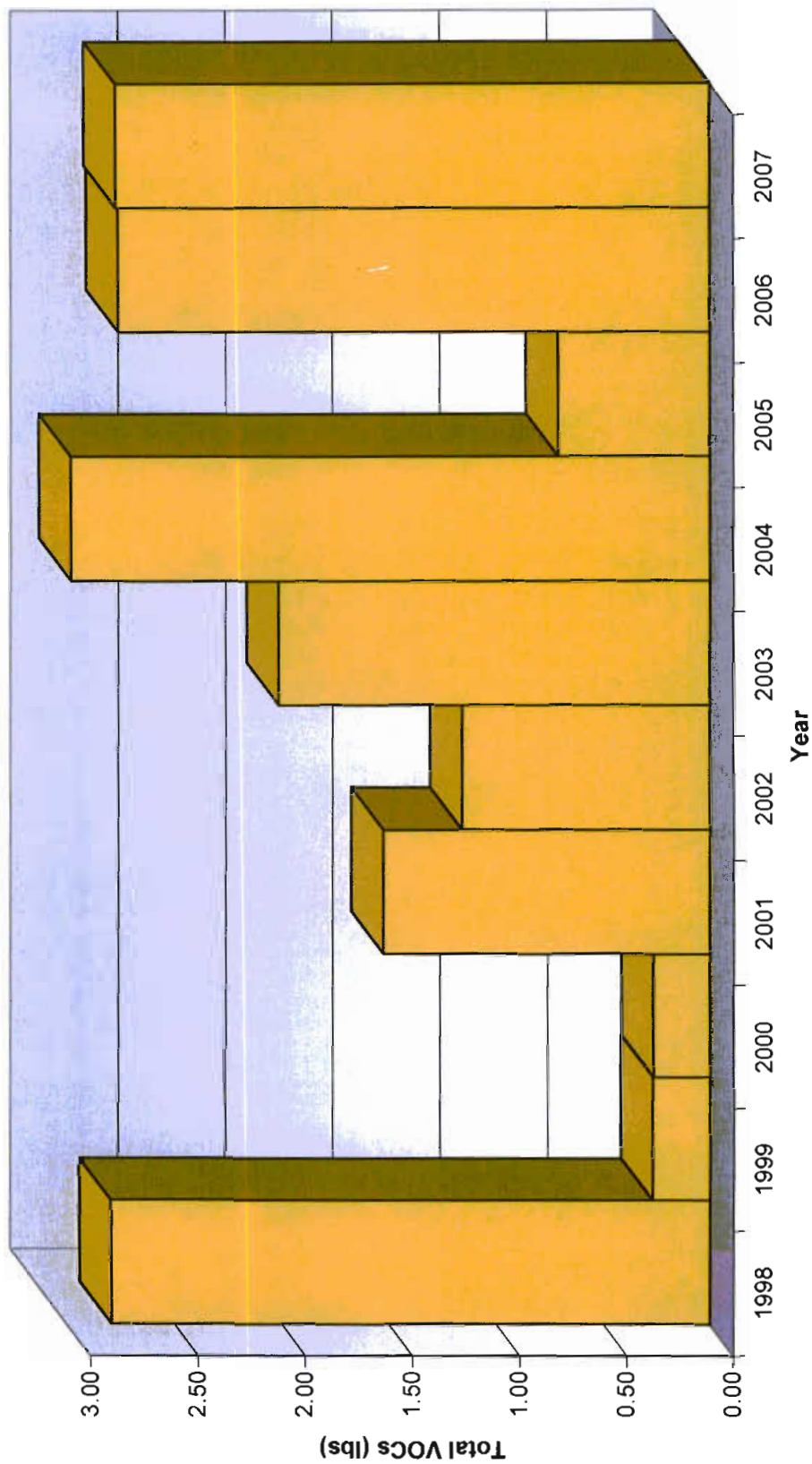
TOTAL SITE VOCs MASS REMOVED

Essex/Hope Site
Jamestown, NY



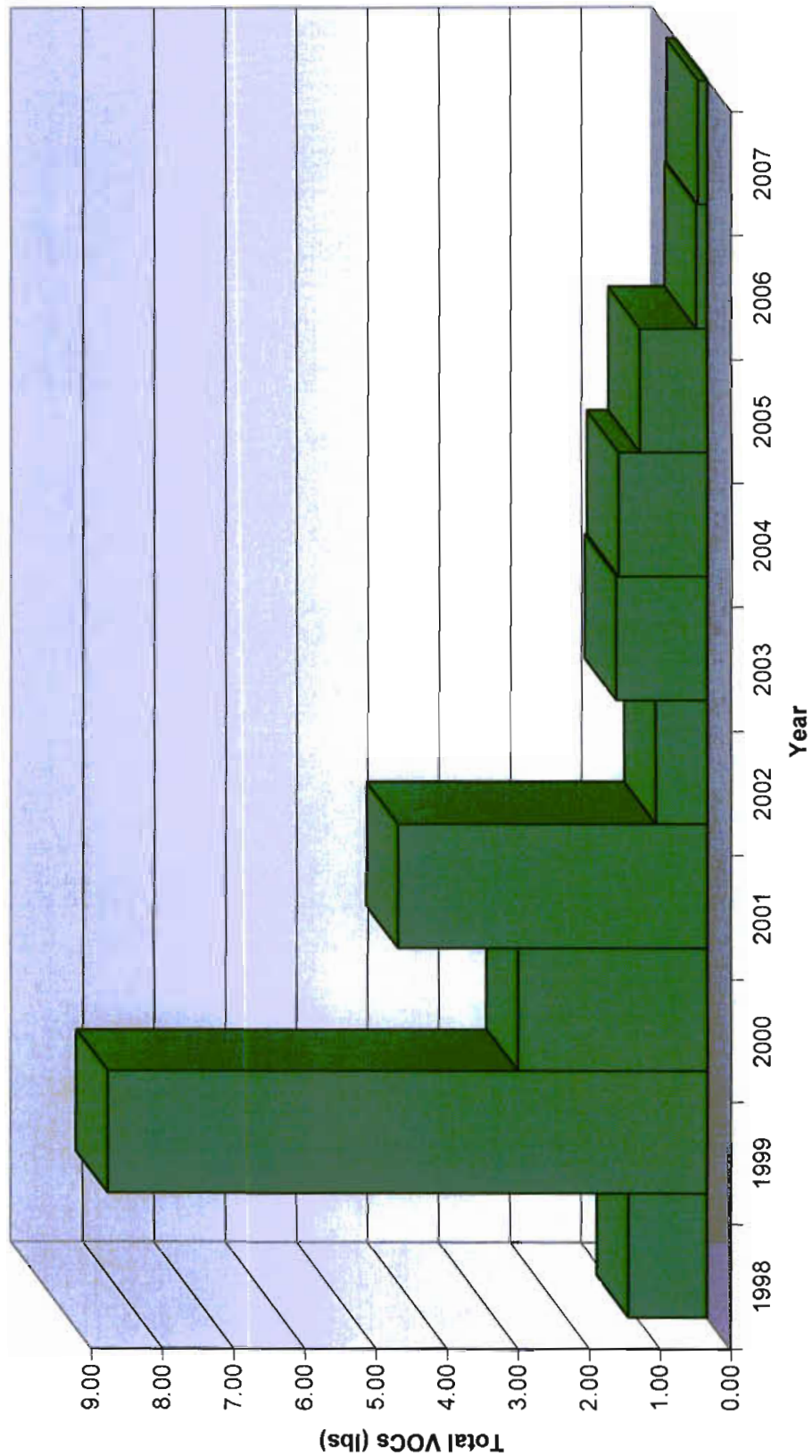
APPENDIX A-3 - Recovery Well Performance Data

RW-1S - Total VOCs Mass Removed
Essex/Hope Site
Jamestown, NY



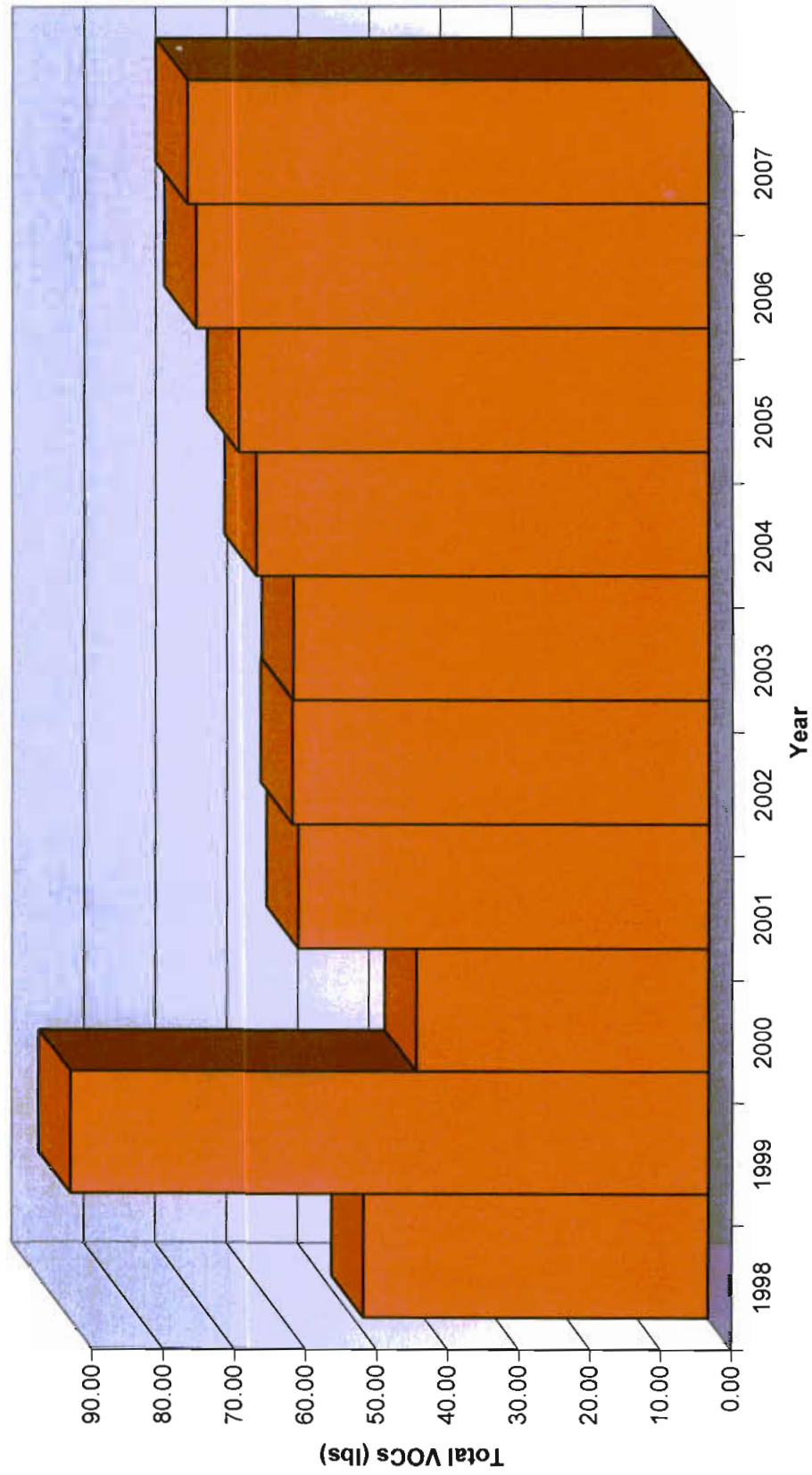
APPENDIX A-3 - Recovery Well Performance Data

RW-2S - Total VOCs Mass Removed
Essex/Hope Site
Jamestown, NY



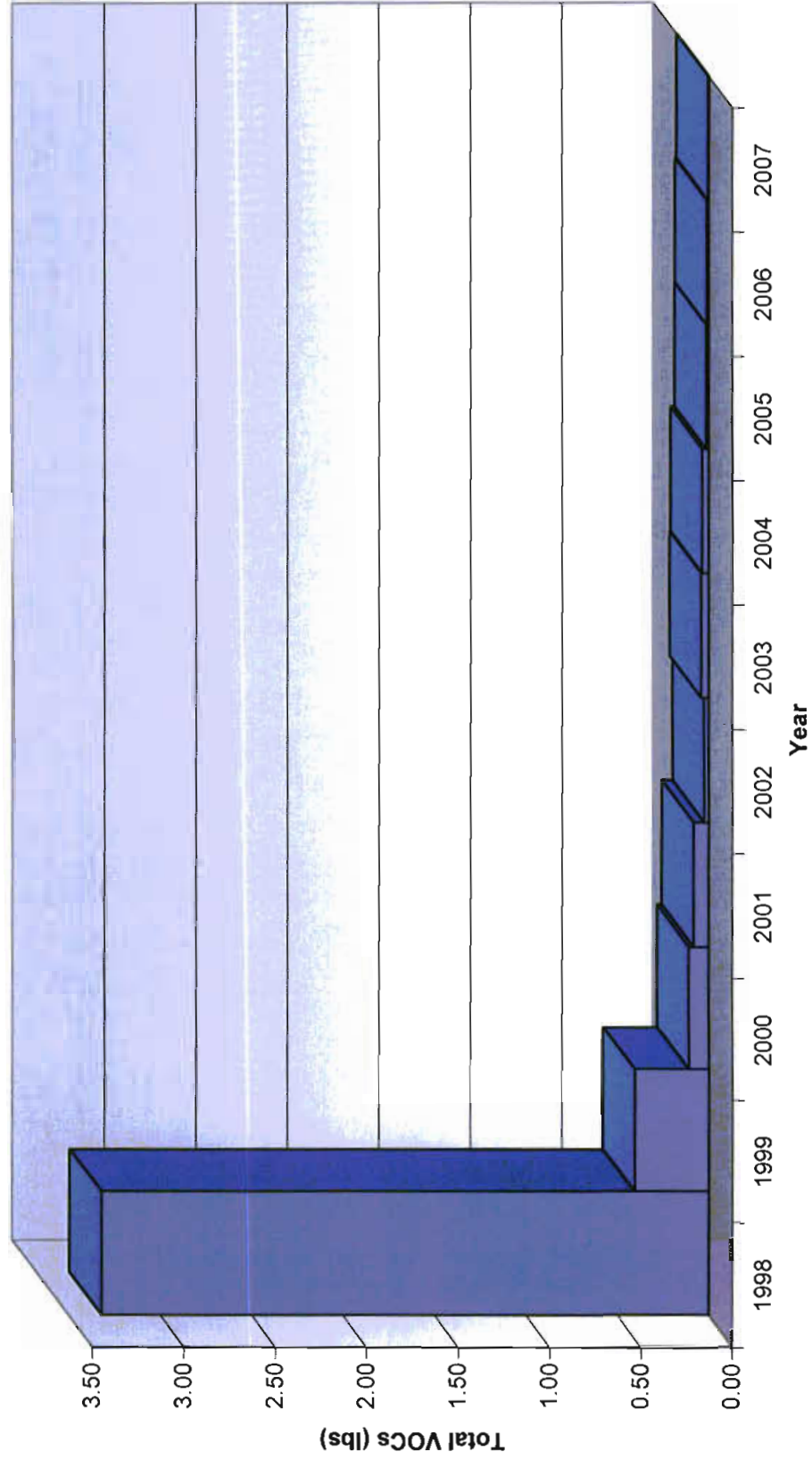
APPENDIX A-3 - Recovery Well Performance Data

RW-2D - Total VOCs Mass Removed
Essex/Hope Site
Jamestown, NY



APPENDIX A-3 - Recovery Well Performance Data

RW-3S - Total VOCs Mass Removed
Essex/Hope Site
Jamestown, NY



APPENDIX B

LABORATORY ANALYTICAL DATA

APPENDIX B-1

2007 SEMI-ANNUAL RECOVERY WELL DATA

April 11, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on March 28, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-2514 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0703-5136	RW-1D
0703-5137	RW-2D
0703-5138	RW-1S

Pace Sample Identification	Client Sample Identification
0703-5139	RW-2S
0703-5140	RW-3S
0703-5141	TB-01

General Comments: Cooler temperature 6 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 14

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-2514
Lab Sample ID: 0703-5136
Client Sample ID: RW-1D
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5136

Client Sample ID: RW-1D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Lab Project ID: 07-2514
Lab Sample ID: 0703-5137
Client Sample ID: RW-2D
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	9.7	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	32	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5000	50	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	35	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5137

Client Sample ID: RW-2D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	2000	50	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	830	100	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Lab Project ID: 07-2514
Lab Sample ID: 0703-5138
Client Sample ID: RW-1S
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	53	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5138
Client Sample ID: RW-1S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	460	50	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	2.1	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Lab Project ID: 07-2514
Lab Sample ID: 0703-5139
Client Sample ID: RW-2S
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.3	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5139
Client Sample ID: RW-2S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Lab Project ID: 07-2514
Lab Sample ID: 0703-5140
Client Sample ID: RW-3S
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	5.9	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	9.7	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5140
Client Sample ID: RW-3S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	39	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	8.4	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-2514
Lab Sample ID: 0703-5141
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

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Lab Sample ID: 0703-5141
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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10/2
3/10
4/12/07

October 11, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on September 27, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 07-7624 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920.10000

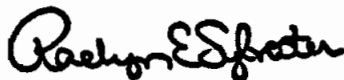
Pace Sample Identification	Client Sample Identification
0709-5259	RW-1D
0709-5260	RW-2D
0709-5261	RW-1S

Pace Sample Identification	Client Sample Identification
0709-5262	RW-2S
0709-5263	RW-3S
0709-5264	Trip Blank

General Comments: Cooler temperature 6 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 14

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-7624
Lab Sample ID: 0709-5259
Client Sample ID: RW-1D
Sample Matrix: Aqueous

Date Sampled: 09/26/2007
Date Received: 09/27/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Benzene	8260B ⁽¹⁾	2.3	1.0	ug/l	MAK	10/08/2007	0066189-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	290	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	8.8	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-5259
Client Sample ID: RW-1D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	36	2.0	ug/l	MAK	10/08/2007	0066189-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-7624
Lab Sample ID: 0709-5260
Client Sample ID: RW-2D
Sample Matrix: Aqueous

Date Sampled: 09/26/2007
Date Received: 09/27/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Benzene	8260B ⁽¹⁾	8.9	1.0	ug/l	MAK	10/08/2007	0066189-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	29	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5500	40	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	45	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-5260
Client Sample ID: RW-2D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichloroethene	8260B ⁽¹⁾	2300	40	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	620	80	ug/l	MAK	10/08/2007	0066189-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-7624
Lab Sample ID: 0709-5261
Client Sample ID: RW-1S
Sample Matrix: Aqueous

Date Sampled: 09/26/2007
Date Received: 09/27/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/08/2007	0066189-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	9.1	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1900	40	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-5261
Client Sample ID: RW-1S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichloroethene	8260B ⁽¹⁾	8400	40	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	6.3	2.0	ug/l	MAK	10/08/2007	0066189-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
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Construction Services Division
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501 Holiday Drive, Suite 300
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Lab Project ID: 07-7624
Lab Sample ID: 0709-5262
Client Sample ID: RW-2S
Sample Matrix: Aqueous

Date Sampled: 09/26/2007
Date Received: 09/27/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/08/2007	0066189-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	16	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-5262

Client Sample ID: RW-2S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichloroethene	8260B ⁽¹⁾	62	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	10/08/2007	0066189-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: 07-7624
Lab Sample ID: 0709-5263
Client Sample ID: RW-3S
Sample Matrix: Aqueous

Date Sampled: 09/26/2007
Date Received: 09/27/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Benzene	8260B ⁽¹⁾	110	1.0	ug/l	MAK	10/08/2007	0066189-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Cumene	8260B ⁽¹⁾	16	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	17	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

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Lab Sample ID: 0709-5263
Client Sample ID: RW-3S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	10/08/2007	0066189-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	5.9	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
o-Xylene	8260B ⁽¹⁾	30	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-7624
Lab Sample ID: 0709-5264
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 09/26/2007
Date Received: 09/27/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/08/2007	0066189-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/08/2007	0066189-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

(Continued)

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Lab Sample ID: 0709-5264
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	10/08/2007	0066189-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/08/2007	0066189-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Section A	Section B	Section C
Required Client Information:	Required Project Information	Invoice Information:
Company: URS CORP Address: 700 KENNEDY BLVD NEW YORK, NY 10022-6899 Email To: Phone: 212 512 4700 Fax: 212 512 4701	Report To: MARK ROMAK Copy To: VALERIE SIBERT Purchase Order No.: 015307020 Project Name: 15500 ALICE DRIVE STANFORD Project Number: 15500ALICE920-15500	Page: 1 of 1 1129217
REGULATORY AGENCY	ATTENTION:	REGULATORY AGENCY
	Company Name	NPDES GROUND WATER DRINKING WATER
	Address:	UST RCRA OTHER
	Pace Quote Reference:	
	Pace Project Manager	
	Pace Profile #	
Requested Due Date/TAT	Site Location	STATE:
STANDARD	NY	NY

[illegible]

APPENDIX B-2

2007 ANNUAL PMP MONITORING WELL DATA



Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

November 29, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on November 14, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-8805 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Sample Identification	Client Sample Identification
0711-2207	MW-14D
0711-2208	MW-14S
0711-2209	MW-15S
0711-2210	MW-15D

Pace Sample Identification	Client Sample Identification
0711-2211	MW-6
0711-2212	MW-8
0711-2213	TB-01

General Comments: Cooler temperature 5 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 16

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 Fax: 724.327.7793

Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 07-8805
Lab Sample ID: 0711-2207
Client Sample ID: MW-14D
Sample Matrix: Aqueous

Date Sampled: 11/13/2007
Date Received: 11/14/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/26/2007	0067936-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2207

Client Sample ID: MW-14D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	3.3	2.0	ug/l	MAK	11/26/2007	0067936-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 07-8805
Lab Sample ID: 0711-2208
Client Sample ID: MW-14S
Sample Matrix: Aqueous

Date Sampled: 11/13/2007
Date Received: 11/14/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

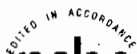
Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Benzene	8260B ⁽¹⁾	1.3	1.0	ug/l	MAK	11/26/2007	0067936-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1300	40	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	39	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

(Continued)

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Lab Sample ID: 0711-2208

Client Sample ID: MW-14S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichloroethene	8260B ⁽¹⁾	810	40	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	81	2.0	ug/l	MAK	11/26/2007	0067936-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Construction Services Division
Foster Plaza 4
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Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8805
Lab Sample ID: 0711-2209
Client Sample ID: MW-15S
Sample Matrix: Aqueous

Date Sampled: 11/13/2007
Date Received: 11/14/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/26/2007	0067936-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2209
Client Sample ID: MW-15S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/26/2007	0067936-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
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Fax: 724.327.7793

Lab Project ID: 07-8805
Lab Sample ID: 0711-2210
Client Sample ID: MW-15D
Sample Matrix: Aqueous

Date Sampled: 11/13/2007
Date Received: 11/14/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Benzene	8260B ⁽¹⁾	2.1	1.0	ug/l	MAK	11/26/2007	0067936-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	120	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	15000	40	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	170	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

(Continued)

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Lab Sample ID: 0711-2210
Client Sample ID: MW-15D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichloroethene	8260B ⁽¹⁾	7000	40	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	80	ug/l	MAK	11/26/2007	0067936-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: 07-8805
Lab Sample ID: 0711-2211
Client Sample ID: MW-6
Sample Matrix: Aqueous

Date Sampled: 11/13/2007
Date Received: 11/14/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/26/2007	0067936-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	20	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2211

Client Sample ID: MW-6

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichloroethene	8260B ⁽¹⁾	26	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/26/2007	0067936-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

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Lab Project ID: 07-8805
Lab Sample ID: 0711-2212
Client Sample ID: MW-8
Sample Matrix: Aqueous

Date Sampled: 11/13/2007
Date Received: 11/14/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/26/2007	0067936-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	67	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

(Continued)

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Lab Sample ID: 0711-2212

Client Sample ID: MW-8

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	17	2.0	ug/l	MAK	11/26/2007	0067936-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8805
Lab Sample ID: 0711-2213
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 11/13/2007
Date Received: 11/14/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/26/2007	0067936-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/26/2007	0067936-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

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Lab Sample ID: 0711-2213

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/26/2007	0067936-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/26/2007	0067936-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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November 30, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on November 16, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 07-8892 when inquiring about this report.

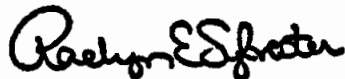
Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Sample Identification	Client Sample Identification
0711-2771	MW-2
0711-2772	MW-7S
0711-2773	MW-7D
0711-2774	VP-6D
0711-2775	TB-02

General Comments: Cooler temperature 3° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 12

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-8892
Lab Sample ID: 0711-2771
Client Sample ID: MW-2
Sample Matrix: Aqueous

Date Sampled: 11/14/2007
Date Received: 11/16/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	11/27/2007	0067975-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

(Continued)

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Lab Sample ID: 0711-2771
Client Sample ID: MW-2

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	DRD	11/27/2007	0067975-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-8892
Lab Sample ID: 0711-2772
Client Sample ID: MW-7S
Sample Matrix: Aqueous

Date Sampled: 11/14/2007
Date Received: 11/16/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	11/27/2007	0067975-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2772
Client Sample ID: MW-7S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	DRD	11/27/2007	0067975-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8892
Lab Sample ID: 0711-2773
Client Sample ID: MW-7D
Sample Matrix: Aqueous

Date Sampled: 11/14/2007
Date Received: 11/16/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Benzene	8260B ⁽¹⁾	11	1.0	ug/l	DRD	11/27/2007	0067975-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	29	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	8300	50	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	52	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

(Continued)

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Lab Sample ID: 0711-2773
Client Sample ID: MW-7D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	1100	100	ug/l	DRD	11/27/2007	0067975-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-8892
Lab Sample ID: 0711-2774
Client Sample ID: VP-6D
Sample Matrix: Aqueous

Date Sampled: 11/14/2007
Date Received: 11/16/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	11/27/2007	0067975-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	55	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

(Continued)

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Lab Sample ID: 0711-2774
Client Sample ID: VP-6D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	3.1	2.0	ug/l	DRD	11/27/2007	0067975-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-8892
Lab Sample ID: 0711-2775
Client Sample ID: TB-02
Sample Matrix: Aqueous

Date Sampled: 11/14/2007
Date Received: 11/16/2007

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	11/27/2007	0067975-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	11/27/2007	0067975-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

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Lab Sample ID: 0711-2775
Client Sample ID: TB-02

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	DRD	11/27/2007	0067975-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	11/27/2007	0067975-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	URS Corp	Report To:	MAKER PAVAK	Attention:	
Address:	10000 4th Ave	Copy To:	VALERIE SANCIO	Company Name:	
City/State/Zip:	PHILADELPHIA PA 19104			Address:	
Email To:		Purchase Order No.:	45067720	Pace Quote Reference:	
Phone:	215-224-7700	Project Name:	ESTIMAR INTERNATIONAL	Pace Project Manager:	
Requested Due Date:	7/1/07	Project Number:	130000	Pace Profile #:	

REGULATORY AGENCY	NPDES : GROUND WATER	RCRA	OTHER
UST			
Site Location	NY	STATE:	

Page:	1	of	1
1141777			

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Pace Project No. / Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB			DATE	TIME																			
1	MW-275	DW			GRAB		7/1/07	1050																			51-02892
2	MW-275	WT																									51-02892
3	MW-275	WW																									51-02892
4	MW-275	P																									51-02892
5	MW-275	SL																									51-02892
6	MW-275	OL																									51-02892
7	MW-275	WP																									51-02892
8	MW-275	AR																									51-02892
9	MW-275	TS																									51-02892
10	MW-275	OT																									51-02892
11	MW-275	Drinking Water																									51-02892
12	MW-275	Waste Water																									51-02892
		Product																									51-02892
		Soil/Solid																									51-02892
		Oil																									51-02892
		Wipe																									51-02892
		Air																									51-02892
		Tissue																									51-02892
		Other																									51-02892

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Sample 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	MAKER PAVAK	7/1/07	1050	MAKER PAVAK	7/1/07	1050	Temp in °C
							Received on
							Sealed Cooler
							Custody (Y/N)
							Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE		DATE Signed (MM/DD/YY)
MAKER PAVAK		7/1/07
SIGNATURE of SAMPLER:		

December 5, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on November 19, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 07-8949 when inquiring about this report.

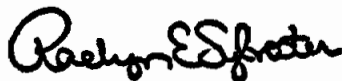
Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Sample Identification	Client Sample Identification
0711-3084	MW-19D
0711-3085	MW-22D
0711-3086	MW-21D
0711-3087	MW-20
0711-3088	TB-03

General Comments: Cooler temperature 2 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 12

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8949
Lab Sample ID: 0711-3084
Client Sample ID: MW-19D
Sample Matrix: Aqueous

Date Sampled: 11/16/2007
Date Received: 11/19/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	11000	1000	ug/l	MAK	11/28/2007	0068077-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/28/2007	0068077-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Butanone	8260B ⁽¹⁾	110	10	ug/l	MAK	11/28/2007	0068077-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-3084
Client Sample ID: MW-19D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	66	2.0	ug/l	MAK	11/28/2007	0068077-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8949
Lab Sample ID: 0711-3085
Client Sample ID: MW-22D
Sample Matrix: Aqueous

Date Sampled: 11/16/2007
Date Received: 11/19/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Benzene	8260B ⁽¹⁾	8.2	1.0	ug/l	MAK	11/28/2007	0068077-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	19	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2400	200	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-3085
Client Sample ID: MW-22D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichloroethene	8260B ⁽¹⁾	14000	200	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	68	2.0	ug/l	MAK	11/28/2007	0068077-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8949
Lab Sample ID: 0711-3086
Client Sample ID: MW-21D
Sample Matrix: Aqueous

Date Sampled: 11/16/2007
Date Received: 11/19/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	300	10	ug/l	MAK	11/28/2007	0068077-1	<10
Benzene	8260B ⁽¹⁾	300	1.0	ug/l	MAK	11/28/2007	0068077-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Butanone	8260B ⁽¹⁾	30	10	ug/l	MAK	11/28/2007	0068077-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	650	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	260000	5000	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	350	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-3086
Client Sample ID: MW-21D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	6.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Toluene	8260B ⁽¹⁾	40	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichloroethene	8260B ⁽¹⁾	610000	5000	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	2800	2.0	ug/l	MAK	11/28/2007	0068077-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. VOA: The result for Vinyl Chloride and 1,1-Dichloroethene exceeded the calibration range of the instrument in the neat analysis. The results for both compounds were below the calibration range in the dilution. The results for Vinyl Chloride and 1,1-Dichloroethene reported are from the neat analysis and are therefore estimated values.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8949
Lab Sample ID: 0711-3087
Client Sample ID: MW-20
Sample Matrix: Aqueous

Date Sampled: 11/16/2007
Date Received: 11/19/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/28/2007	0068077-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Cumene	8260B ⁽¹⁾	36	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	67	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	21	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-3087
Client Sample ID: MW-20

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichloroethene	8260B ⁽¹⁾	270	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/28/2007	0068077-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	140	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.40000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8949
Lab Sample ID: 0711-3088
Client Sample ID: TB-03
Sample Matrix: Aqueous

Date Sampled: 11/16/2007
Date Received: 11/19/2007

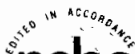
Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/28/2007	0068077-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/28/2007	0068077-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

(Continued)

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Lab Sample ID: 0711-3088
Client Sample ID: TB-03

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/28/2007	0068077-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/28/2007	0068077-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Section A	Section B	Section C
Required Client Information:	Required Project Information:	Invoice Information:
Company Address Email To:	Report To: Copy To: Purchase Order No.	Attention: Company Name: Address: Pace Quote Reference:
PAGE 6 / 7		

Requested Due Date/TAT:		Project Name:		Project Number:		Pace Project Manager:	
Section D Required Client Information		Valid Matrix Codes		Matrix Code		Sample Type	
ITEM #	One Character per box. (A-Z, 0-9 / -)	SAMPLE ID		G-RAB C-COMP		COLLECTED	
		DATE	TIME	DATE	TIME	COMPOSITE START	COMPOSITE END/GRAB
		MATRIX	CODE	MATRIX CODE	G-RAB C-COMP	DATE	TIME
1		DRINKING WATER	DW				
2		WASTE WATER	WW				
3		PRODUCT	P				
4		SOIL/SOLID	SL				
5		OIL	OL				
6		WIPE	WP				
7		AIR	AR				
8		OTHER	OT				
9		TISSUE	TS				
10							
11							
12							

	RE-INQUIRED BY / AFFILIATION		DATE		ACCEPTED BY / AFFILIATION		DATE		SAMPLE CONDITION					
				TIME				TIME		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	
Additional Comments:														
SAMPLER NAME AND SIGNATURE														
PRINT Name of SAMPLER:														
SIGNATURE of SAMPLER:														
DATE Signed (MM / DD / YY)														

APPENDIX B-3

2007 MONTHLY POTW INFLUENT/EFFLUENT SAMPLE DATA

January 25, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on January 17, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-0537 when inquiring about this report.

Client Site: Essex-Hope

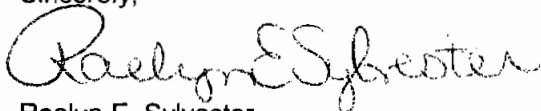
Client Ref.: 41567715

Pace Sample Identification	Client Sample Identification
0701-2135	Pre-Carb
0701-2136	Primary Effluent
0701-2137	Post-Carb
0701-2138	TB-01

General Comments: Cooler temperature 1 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-0537
Lab Sample ID: 0701-2135
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	4.1	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2700	50	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0701-2135
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	790	50	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	350	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-0537
Lab Sample ID: 0701-2136
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2700	50	ug/l	MAK	01/22/2007	0056943-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	7.2	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0701-2136
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	120	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	400	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-0537
Lab Sample ID: 0701-2137
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	6.3	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0701-2137

Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	400	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0701-2137 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-0537
Lab Sample ID: 0701-2138
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0701-2138
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Section A

Required Client Information:

Company Name: XXXXXXXXXXXXXXXXXXXX
Address: XXXXXXXXXXXXXXXXXXXX
City: XXXXXXXXXXXX
State: XX Zip: XXXXXX
Phone: XXXXXXXXXX Fax: XXXXXXXXXX
Email To: XXXXXXXXXX@XXXXXX.XX
Requested Due Date/TAT: XXXX/XX/XX

Section B

Required Project Information:

Report To: XXXXXXXXXXXXXXXXXXXX
Copy To: XXXXXXXXXXXXXXXXXXXX
Purchase Order No.: XXXXXXXXXX
Project Name: XXXXXXXXXXXXXXXXXXXX
Project Number: XXXXXXXXXX

Section C

Invoice Information:

Attention: XXXXXXXXXXXXXXXXXXXX
Company Name: XXXXXXXXXXXXXXXXXXXX
Address: XXXXXXXXXXXXXXXXXXXX
Pace Quote Reference: XXXXXXXXXX
Pace Project Manager: XXXXXXXXXX
Pace Profile #: XXXXXXXXXX

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / -)

Samples IDs MUST BE UNIQUE

Valid Matrix Codes
MATRIX DRINKING WATER DW
WATER WASTE WATER WW
PRODUCT P
SOIL/SOLID SL
OIL OL
WIPE WP
AIR AR
OTHER OT
ISSUE IS

MATRIX CODE
G-GRAB C-COMP

COLLECTED
COMPOSITE START DATE TIME
COMPOSITE END/GRAB DATE TIME

SAMPLE TEMP AT COLLECTION

OF CONTAINERS

Preservatives
Unpreserved
H₂SO₄
HNO₃
HCl
NaOH
Na₂S₂O₃
Methanol
Other

Filtered (Y/N) Y
Requested Analysis: XXXXXXXXXX
Residual Chlorine (Y/N) Y
Pace Project Number XXXXXXXXXX
Lab I.D. XXXXXXXXXX

Additional Comments:

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

SAMPLE CONDITION

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM / DD / YY)



Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

February 27, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on February 13, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 07-1147 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0702-1566	Pre-Carb
0702-1567	Primary-Eff
0702-1568	Post-Carb
0702-1569	Trip Blank

General Comments: Cooler temperature 5 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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 Export, PA 15632
 Phone: 724.733.1161
 Fax: 724.327.7793

Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 07-1147
Lab Sample ID: 0702-1566
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	8.5	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	21	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4500	50	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	32	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0702-1566

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1500	50	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	610	100	ug/l	MAK	02/20/2007	0057803-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 07-1147
Lab Sample ID: 0702-1567
Client Sample ID: Primary-Eff
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3200	50	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

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Lab Sample ID: 0702-1567
Client Sample ID: Primary-Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	69	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	510	100	ug/l	MAK	02/20/2007	0057803-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 07-1147
Lab Sample ID: 0702-1568
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
 Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.6	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

(Continued)

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Lab Sample ID: 0702-1568

Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	530	20	ug/l	MAK	02/21/2007	0057831-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0702-1568 was composited from 4 samples prior to analysis.

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Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 07-1147
Lab Sample ID: 0702-1569
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	22	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Sample ID: 0702-1569
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	7.3	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	02/20/2007	0057803-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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EDITED IN ACCORDANCE



CHAIN-OF-CUSTODY ANALYSIS REQUEST DOCUMENT

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

Section A

Required Client Information:

Company: URS Corp
Address: 15000 9th St
San Diego, CA 92161
Email To: URS Corp

Phone: 619 594 1234 Fax: 619 594 1234
Requested Due Date/TAT: 5/15/2007

Section B

Required Project Information:

Report To: MARK DOWLING
Copy To: VALERIE SPECTO
Purchase Order No: 415279720
Project Name: San Diego TMDR
Project Number: 415279720

Section C

Invoice Information:

Attention: MARK DOWLING
Company Name: VALERIE SPECTO
Address: 15000 9th St
Pace Quote Reference: 415279720
Pace Project Manager: VALERIE SPECTO
Pace Profile #: 415279720

REGULATORY AGENCY

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

SITE LOCATION

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

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / -)

Samples IDs MUST BE UNIQUE

Valid Matrix Codes

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

MATRIX CODE

G-RAB C-COMP

COLLECTED

COMPOSITE START
DATE
COMPOSITE END/GRAB
DATE
TIME

SAMPLE TEMP

AT COLLECTION

OF CONTAINERS

Preservatives

Unpreserved
H₂SO₄
HNO₃
HCl
NaOH
Na₂S₂O₃
Methanol
Other

Filtered (Y/N)

Requested Analysis:

Residual Chlorine (Y/N)

Pace Project Number

Lab ID

Additional Comments:

5/15/07 10:00 AM - 10:00 AM
5/15/07 10:00 AM - 10:00 AM
5/15/07 10:00 AM - 10:00 AM

SAMPLE CONDITION

TIME

DATE

ACCEPTED BY / AFFILIATION

TIME

DATE

RELINQUISHED BY / AFFILIATION

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

SEE REVERSE SIDE FOR INSTRUCTIONS

March 27, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on March 13, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-1856 when inquiring about this report.

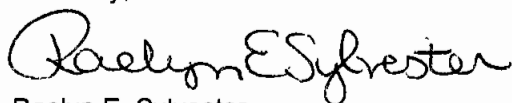
Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0703-2173	Pre-Carb
0703-2174	Primary Effluent
0703-2175	Post-Carb
0703-2176	TB-01

General Comments: Cooler temperature 3 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-1856
Lab Sample ID: 0703-2173
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	5.4	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	14	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3200	50	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2173
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1000	50	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	360	2.0	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-1856
Lab Sample ID: 0703-2174
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.1	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2174

Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	680	100	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-1856
Lab Sample ID: 0703-2175
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	29	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2175
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	9.9	2.0	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0703-2175 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-1856
Lab Sample ID: 0703-2176
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2176
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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CHAIN OF CUSTODY / Analytical Request Document

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

Page: 1 of 1
1023001

Section A

Required Client Information:

Company: URS CORP
Address: 1000 RIVER BLVD, SUITE 300
PORTLAND, ME 04101
Email To: [blank]
Phone: 405-203-4770
Fax: 405-203-4770

Section B

Required Project Information:

Report To: MARK DUNN
Copy To: VALERIE SIBERTO
Purchase Order No.: 415079020
Project Name: [blank]
Project Number: 415079020

Section C

Invoice Information:

Attention: [blank]
Company Name: [blank]
Address: [blank]
Pace Quote Reference: [blank]
Pace Project Manager: [blank]
Pace Profile #: [blank]

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other: [blank]
SITE LOCATION
☐ GA ☐ IL ☐ IN ☐ MI ☐ NC
☐ OH ☐ SC ☐ WI ☐ OTHER: NY

Section D

Required Client Information

SAMPLE ID

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

Valid Matrix Codes
MATRIX: DRINKING WATER, WASTE WATER, PRODUCT, SOIL/SOLID, COMPOSITE, AIR, OTHER, TISSUE
CODE: DW, WW, P, SL, WP, AP, OT, TS

Section E

Preservatives

Unpreserved, H₂SO₄, HNO₃, HCl, NaOH, Na₂SO₃, Methanol, Other

Filtered (Y/N)
Requested Analysis: [blank]
Residual Chlorine (Y/N)
Pace Project Number
Lab ID

ITEM #	COLLECTED		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		PRESERVATIVES		Pace Project Number	Lab ID
	DATE	TIME	COMPOSITE START	COMPOSITE END/GRAB	DATE	TIME	DATE	TIME		
1	PRE-CARB									
2	PRIMARY-EFF									
3	POST-CARB									
4	POST-CARB									
5	POST-CARB									
6	POST-CARB									
7	TB-01									
8										
9										
10										
11										
12										

Additional Comments:

COMPOSITE HOF-42 TEST WORE SAMPLES IN LUGS AND PORTAL TEST WORE SAMPLES

Section F

Relinquished By / Affiliation

Date

Time

Accepted By / Affiliation

Date

Time

Sample Condition

Temp in °C

Received on Ice

Custody Sealed Cooler

Intact Samples

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

April 27, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on April 13, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-2930 when inquiring about this report.

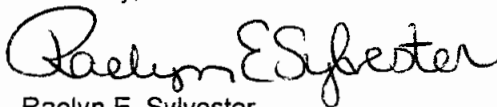
Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0704-2292	Pre-Carb
0704-2293	Primary Effluent
0704-2294	Post-Carb
0704-2295	TB-01

General Comments: Cooler temperature 3 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-2930
Lab Sample ID: 0704-2292
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	12	10	ug/l	EAC	04/25/2007	0060096-1	<10
Benzene	8260B ⁽¹⁾	5.4	1.0	ug/l	EAC	04/25/2007	0060096-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2000	20	ug/l	EAC	04/26/2007	0060152-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	22	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2292

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichloroethene	8260B ⁽¹⁾	420	20	ug/l	EAC	04/26/2007	0060152-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	340	2.0	ug/l	EAC	04/25/2007	0060096-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-2930
Lab Sample ID: 0704-2293
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	04/25/2007	0060096-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	7.3	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2293
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	690	20	ug/l	EAC	04/26/2007	0060152-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: **07-2930**
Lab Sample ID: **0704-2294**
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	04/25/2007	0060096-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2294
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	290	2.0	ug/l	EAC	04/25/2007	0060096-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0704-2294 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-2930
Lab Sample ID: 0704-2295
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/26/2007	0060152-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	04/26/2007	0060152-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/26/2007	0060152-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/26/2007	0060152-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/26/2007	0060152-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2295
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	EAC	04/26/2007	0060152-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Chain-of-Custody Analytical Request Form

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

Section A

Required Client Information:

Company: URS CORP
Address: 10000 RIVERCHASE DR, SUITE 300
SEATTLE, WA 98148
Email To: URS@URS.COM

Section B

Required Project Information:

Report To: MARK BLANK
Copy To: VALERIE SIEGEL
Purchase Order No.: 45107920
Project Name: 15500 RIVERCHASE JAVESISION
Project Number: 15507920

Section C

Invoice Information:

Attention: MARK BLANK
Company Name: URS CORP
Address: 10000 RIVERCHASE DR, SUITE 300
Pace Quote Reference: URS-15507920
Pace Project Manager: VALERIE SIEGEL
Pace Profile #: 15507920

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other:

SITE LOCATION

☐ GA ☐ IL ☐ IN ☐ MI ☐ MN ☐ NC
☐ OH ☐ SC ☐ WI ☒ OTHER NY

Section D Required Client Information

SAMPLE ID

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

Valid Matrix Codes
MATRIX: DRINKING WATER, WASTE WATER, WASTE WATER PRODUCT, SOIL/SOLID, OIL, WIFE, AIR, OTHER, TISSUE
CODE: DW, WT, WW, P, SL, OL, WP, AR, OT, TS

Section E

Sample Type

G-RAB C-COMP

MATRIX CODE

DATE

TIME

COMPOSITE START

COMPOSITE END/GRAB

TIME

AT COLLECTION

OF CONTAINERS

Preservatives

Unpreserved

H₂SO₄

HNO₃

HCl

NaOH

Na₂S₂O₃

Methanol

Other

Section F

Filtered (Y/N)

Requested Analysis:

Residual Chlorine (Y/N)

Pace Project Number

Lab ID

ITEM #	1	2	3	4	5	6	7	8	9	10	11	12
PRE-CHARB	PRE-CHARB	PRE-CHARB	POST-CHARB	POST-CHARB	POST-CHARB	POST-CHARB	POST-CHARB	POST-CHARB	POST-CHARB	POST-CHARB	POST-CHARB	POST-CHARB
DATE	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07	11/23/07
TIME	1410	1420	1430	1440	1450	1500	1510	1520	1530	1540	1550	1600
COMPOSITE START												
COMPOSITE END/GRAB												
TIME												
AT COLLECTION												
# OF CONTAINERS												
Preservatives												
Unpreserved												
H ₂ SO ₄												
HNO ₃												
HCl												
NaOH												
Na ₂ S ₂ O ₃												
Methanol												
Other												
Filtered (Y/N)												
Requested Analysis:												
Residual Chlorine (Y/N)												
Pace Project Number												
Lab ID												

Additional Comments:

URS CORP (URS) has been notified of the results of the analysis. The results are as follows: PRE-CHARB: 11/23/07 1410, 1420, 1430, 1440, 1450, 1500, 1510, 1520, 1530, 1540, 1550, 1600. POST-CHARB: 11/23/07 1410, 1420, 1430, 1440, 1450, 1500, 1510, 1520, 1530, 1540, 1550, 1600.

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITION

Temp in °C

Received

on Ice

Custody

Sealed Cooler

Samples

Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

May 23, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on May 8, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-3516 when inquiring about this report.

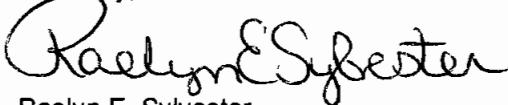
Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0705-1344	Pre-Carb
0705-1345	Primary Effluent
0705-1346	Post-Carb
0705-1347	TB-01

General Comments: Cooler temperature 4 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-3516
Lab Sample ID: 0705-1344
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	6.7	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4000	50	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	23	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.3	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0705-1344
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1200	50	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	530	100	ug/l	JHC	05/21/2007	0060996-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-3516
Lab Sample ID: 0705-1345
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	140	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.4	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0705-1345
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	860	100	ug/l	JHC	05/21/2007	0060996-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-3516
Lab Sample ID: 0705-1346
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	18	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.5	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0705-1346
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	790	20	ug/l	JHC	05/22/2007	0061047-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0705-1346 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 07-3516
Lab Sample ID: 0705-1347
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.9	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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TESTED IN ACCORDANCE

Lab Sample ID: 0705-1347
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	05/21/2007	0060996-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Section A

Required Client Information:

Company: **URS CORP**
Address: **FOSTER PARK 4, STE 300**
501 HOLLAND DR.
PITTSBURGH, PA 15220
Email To: _____

Section B

Required Project Information:

Report To: **MARK DOWIAK**
Copy To: **VALERIE SIBERT**
Purchase Order No.: **41507920**
Project Name: **FOSTER PARK 4, STE 300**
Project Number: **41507920**

Section C

Invoice Information:

Attention: _____
Company Name: _____
Address: _____
Pace Quote Reference: _____
Pace Project Manager: _____
Pace Profile #: _____

Section D

Required Client Information

Valid Matrix Codes
DRINKING WATER DW
WASTE WATER WW
PRODUCT P
SOIL/SOLID SL
OIL OL
WIPE WP
AIR AR
OTHER OT
TISSUE TS

Section E

Required Client Information

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

1 PRE-CARB
2 POST-CARB
3 POST-CARB
4 POST-CARB
5 POST-CARB
6 POST-CARB
7 TB-01

MATRIX CODE
SAMPLE TYPE
G-GRAB C-COMP
DATE
TIME
COMPOSITE START
COMPOSITE END/GRAB
DATE
TIME
COLLECTED
SAMPLE TEMP
AT COLLECTION
OF CONTAINERS

WTG
1140
1145
1215
1245
1315
↓

Preservatives
H₂SO₄
HNO₃
HCl
NaOH
Na₂S₂O₃
Methanol
Other

Filtered (Y/N)
Requested Analysis:
Residual Chlorine (Y/N)
Pace Project Number
Lab ID

10
11
12

Additional Comments:

COMPOSITE FOURTH POST URBAN
LIMITS IN LAB AND REPORT
AT POST-CARB ANALYSIS

RELINQUISHED BY / AFFILIATION

DATE
TIME
DATE
TIME
DATE
TIME
DATE
TIME

ACCEPTED BY / AFFILIATION

DATE
TIME
DATE
TIME
DATE
TIME
DATE
TIME

SAMPLE CONDITION

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

SAMPLER NAME AND SIGNATURE

PRINT-Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed, (MM / DD / YY)

DATE Signed, (MM / DD / YY)

June 22, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on June 7, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-4265 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0706-1262	Pre-Carb
0706-1263	Primary-Eff
0706-1264	Post-Carb
0706-1265	TB-01

General Comments: Cooler temperature 4 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



for Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-4265
Lab Sample ID: 0706-1262
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 06/06/2007
Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	6.6	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3100	50	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	22	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0706-1262
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	650	50	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	670	100	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-4265
Lab Sample ID: 0706-1263
Client Sample ID: Primary-Eff
Sample Matrix: Aqueous

Date Sampled: 06/06/2007
Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	240	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0706-1263
Client Sample ID: Primary-Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	910	100	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-4265
Lab Sample ID: 0706-1264
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 06/06/2007
Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	21	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0706-1264
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	820	100	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0706-1264 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-4265
Lab Sample ID: 0706-1265
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 06/06/2007
Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0706-1265
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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July 23, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on July 5, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 07-5310 when inquiring about this report.

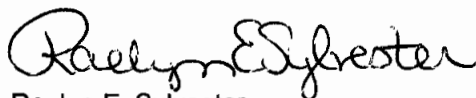
Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0707-0877	Pre-Carb
0707-0878	Primary Effluent
0707-0879	Post-Carb
0707-0880	TB-01

General Comments: Cooler temperature 7 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-5310
Lab Sample ID: 0707-0877
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	8.6	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	18	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4600	50	ug/l	EAC	07/19/2007	0063206-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	45	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	5.2	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0707-0877

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1700	50	ug/l	EAC	07/19/2007	0063206-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	480	100	ug/l	EAC	07/19/2007	0063206-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-5310
Lab Sample ID: 0707-0878
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	810	20	ug/l	EAC	07/19/2007	0063206-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0707-0878
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	27	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	600	40	ug/l	EAC	07/19/2007	0063206-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-5310
Lab Sample ID: 0707-0879
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0707-0879
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	610	40	ug/l	EAC	07/19/2007	0063206-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0707-0879 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-5310
Lab Sample ID: 0707-0880
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0707-0880
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	EAC	07/16/2007	0063121-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Page: 1 of 1
1041387

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

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

Section A

Required Client Information:

Company: KRS CORP
 Address: 2000 24th St SW
 City: Grand Rapids, MI 49508
 Email To: jay@krs.com

Section B

Required Project Information:

Report To: JHEV DOWAY
 Copy To: VALERIE SPEDD
 Purchase Order No: 1107420
 Project Name: PACE PROJECT INFORMATION
 Project Number: 1107420-1000

Section C

Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Quote Reference:
 Pace Project Manager:
 Pace Profile #:

Section D

Valid Matrix Codes

Required Client Information

SAMPLE ID

One Character per box.
 (A-Z, 0-9 / -)

Samples IDs MUST BE UNIQUE

Valid Matrix Codes
 DRINKING WATER
 WASTE WATER
 PRODUCT
 SOIL/SOLID
 OIL
 WIFE
 OTHER
 TISSUE

MATRIX CODE
 G-GRAB C-COMP

COLLECTED
 COMPOSITE START
 DATE
 TIME
 COMPOSITE END/GRAB
 DATE
 TIME

SAMPLE TEMP
 AT COLLECTION

OF CONTAINERS

Preservatives
 Unpreserved
 H₂SO₄
 HNO₃
 HCl
 NaOH
 Na₂O₃
 Methanol
 Other

ITEM #	Valid Matrix Codes	Required Client Information	MATRIX CODE	G-GRAB C-COMP	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Filtered (Y/N)	Requested Analysis	Residual Chlorine (Y/N)	Pace Project Number	Lab ID
1	PRE-CARB												
2	PRE-MARY-EFF												
3	POST-CARB												
4	POST-CARB												
5	POST-CARB												
6	POST-CARB												
7	TR-01												
8													
9													
10													
11													
12													

Additional Comments:

Sample (see 11) not analyzed
 Sample (see 12) not analyzed
 Sample (see 13) not analyzed

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION
Valerie Spedd	7-5-07		Valerie Spedd	7-5-07	12:00	Temp in °C
						Received
						on Ice
						Custody
						Sealed Cooler
						Samples
						Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY)

August 31, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on August 17, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-6411 when inquiring about this report.

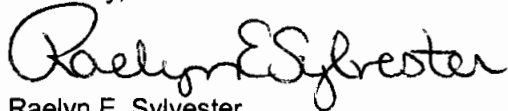
Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0708-3020	Pre-Carb
0708-3021	Primary Effluent
0708-3022	Post-Carb
0708-3023	Trip Blank

General Comments: Cooler temperature 14 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-6411
Lab Sample ID: 0708-3020
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Benzene	8260B ⁽¹⁾	7.5	1.0	ug/l	DRD	08/29/2007	0064657-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4200	100	ug/l	DRD	08/30/2007	0064707-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	56	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3020
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1800	100	ug/l	DRD	08/30/2007	0064707-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	470	200	ug/l	DRD	08/30/2007	0064707-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-6411
Lab Sample ID: 0708-3021
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	08/29/2007	0064657-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	8.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3300	100	ug/l	JHC	08/30/2007	0064699-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	23	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3021
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichloroethene	8260B ⁽¹⁾	140	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	550	200	ug/l	JHC	08/30/2007	0064699-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-6411
Lab Sample ID: 0708-3022
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	08/29/2007	0064657-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3022
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	980	100	ug/l	DRD	08/30/2007	0064707-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0708-3022 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-6411
Lab Sample ID: 0708-3023
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	08/29/2007	0064654-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	08/29/2007	0064654-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	08/29/2007	0064654-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	08/29/2007	0064654-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	08/29/2007	0064654-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3023
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	08/29/2007	0064654-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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[illegible]

September 26, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on September 12, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 07-6955 when inquiring about this report.

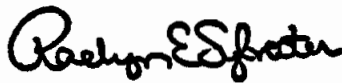
Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0709-1567	Pre-Carb
0709-1568	Primary Effluent
0709-1569	Post-Carb
0709-1570	Trip Blank

General Comments: Cooler temperature 5 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-6955
Lab Sample ID: 0709-1567
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Benzene	8260B ⁽¹⁾	6.1	1.0	ug/l	JHC	09/22/2007	0065468-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	14	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3300	100	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	26	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1567
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1400	100	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	410	200	ug/l	JHC	09/22/2007	0065468-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Construction Services Division
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Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-6955
Lab Sample ID: 0709-1568
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	09/22/2007	0065468-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	9.7	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3200	100	ug/l	JHC	09/22/2007	0065441-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1568
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichloroethene	8260B ⁽¹⁾	150	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	500	200	ug/l	JHC	09/22/2007	0065441-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Client Site: Essex-Hope
Client Ref.: 41567920.10000

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Phone: 724.733.1161
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Lab Project ID: 07-6955
Lab Sample ID: 0709-1569
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
Benzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Bromoform	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Bromomethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
2-Butanone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chloroform	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chloromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Cumene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
Methylene chloride	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1569

Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Toluene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	730	100	ug/l	JHC	09/24/2007	0065527-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<100	100	ug/l	JHC	09/24/2007	0065527-1	<5.0
o-Xylene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0709-1569 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Client Site: Essex-Hope
Client Ref.: 41567920.10000

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Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-6955
Lab Sample ID: 0709-1570
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	09/22/2007	0065468-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1570
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	09/22/2007	0065468-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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October 25, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on October 11, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 07-7959 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0710-1703	Pre-Carb
0710-1704	Primary Effluent
0710-1705	Post-Carb
0710-1706	TB-01

General Comments: Cooler temperature 5 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-7959
Lab Sample ID: 0710-1703
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	10/18/2007	0066612-1	<10
Benzene	8260B ⁽¹⁾	6.7	1.0	ug/l	DRD	10/18/2007	0066612-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	10/18/2007	0066612-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3800	50	ug/l	DRD	10/18/2007	0066612-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	20	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	10/18/2007	0066612-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	10/18/2007	0066612-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0710-1703
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1900	50	ug/l	DRD	10/18/2007	0066612-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	470	100	ug/l	DRD	10/18/2007	0066612-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-7959
Lab Sample ID: 0710-1704
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	10/18/2007	0066620-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	360	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0710-1704
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	690	100	ug/l	JHC	10/18/2007	0066620-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-7959
Lab Sample ID: 0710-1705
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/23/2007	0066740-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/23/2007	0066740-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/23/2007	0066740-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	340	40	ug/l	MAK	10/23/2007	0066740-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/23/2007	0066740-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/23/2007	0066740-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0710-1705
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	160	2.0	ug/l	MAK	10/23/2007	0066740-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0710-1705 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-7959
Lab Sample ID: 0710-1706
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	10/18/2007	0066620-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0

(Continued)

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Lab Sample ID: 0710-1706
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	10/18/2007	0066620-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

November 28, 2007

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on November 13, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-8768 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567503

Pace Sample Identification	Client Sample Identification
0711-2031	Pre-Carb
0711-2032	Primary Effluent
0711-2033	Post-Carb
0711-2037	TB-01

General Comments: Cooler temperature 6 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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ATED IN ACCORDANCE

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567503

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8768
Lab Sample ID: 0711-2031
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	7.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	19	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4600	40	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	34	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2031
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1800	40	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	80	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-8768
Lab Sample ID: 0711-2032
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Client Site: Essex-Hope
Client Ref.: 41567503

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	6.1	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3800	40	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	8.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2032
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	4600	80	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567503

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8768
Lab Sample ID: 0711-2033
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	200	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2033
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	270	2.0	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0711-2033 was composited from 4 samples prior to analysis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41567503

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 07-8768
Lab Sample ID: 0711-2037
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

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Lab Sample ID: 0711-2037
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	URS CORP	Report To:	MARK DAVINAK	Attention:	
Address:	1000 KENNEDY ST STE 300 WILMINGTON, DE 19801-2800	Copy To:	VALERIE STUBBS	Company Name:	
Email To:	VALERIE.STUBBS@URS.COM	Purchase Order No.:		Address:	
Phone:	410-583-4700	Project Name:		Pace Quote Reference:	
Requested Due Date/TAT:	STANDARD	Project Number:		Pace Project Manager:	
				Page: 1 of 1 1141595 REGULATORY AGENCY NPDES : GROUND WATER DRINKING WATER UST : RCRA : OTHER : Site Location : NY STATE:	

[illegible]

January 7, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on December 20, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-9787 when inquiring about this report.

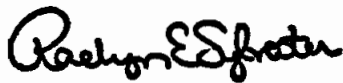
Client Site: Essex-Hope
Client Ref.: 41568097.10000

Pace Sample Identification	Client Sample Identification
0712-3979	Pre-Carb
0712-3980	Primary Effluent
0712-3981	Post-Carb
0712-3982	TB-01

General Comments: Cooler temperature 3 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

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REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-9787
Lab Sample ID: 0712-3979
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Benzene	8260B ⁽¹⁾	4.4	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2200	20	ug/l	JHC	01/04/2008	0069346-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	14	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

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Lab Sample ID: 0712-3979
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	670	20	ug/l	JHC	01/04/2008	0069346-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	390	2.0	ug/l	JHC	01/02/2008	0069255-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-9787
Lab Sample ID: 0712-3980
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	6.8	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2700	20	ug/l	JHC	01/04/2008	0069345-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	7.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0712-3980
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	300	2.0	ug/l	JHC	01/02/2008	0069255-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-9787
Lab Sample ID: 0712-3981
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	120	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

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Lab Sample ID: 0712-3981
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	430	20	ug/l	JHC	01/04/2008	0069346-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0712-3981 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-9787
Lab Sample ID: 0712-3982
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

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Lab Sample ID: 0712-3982
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	01/02/2008	0069255-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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APPENDIX B-4

2007 AIR STREAM SAMPLE DATA



Client Name: URS
Contact: Mark Dowiak
Address: Foster Plaza 4
501 Holiday Drive
Suite 300
Pittsburgh, PA 15220

Page: Page 1 of 3
Lab Proj #: P0706116
Report Date: 06/28/07
Client Proj Name: Essex Hope
Client Proj #: 41567920

Laboratory Results

Total pages in data package: 4

<u>Lab Sample #</u>	<u>Client Sample ID</u>
P0706116-01	NPL PRE-CARB
P0706116-02	NPL POST-CARB

Microseeps test results meet all the requirements of the NELAC standards.

Approved By:

Char Washlasker

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.

Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Base Narrative:

Client Name: URS
 Contact: Mark Dowiak
 Address: Foster Plaza 4
 501 Holiday Drive
 Suite 300
 Pittsburgh, PA 15220

Page: Page 2 of 3
 Lab Proj #: P0706116
 Report Date: 06/28/07
 Client Proj Name: Essex Hope
 Client Proj #: 41567920

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received		
PL PRE-CARB	Vapor	P0706116-01	06 Jun. 07 16:30	07 Jun. 07 12:14		
Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
skAnalysis						
1,1,1-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N 1,1,2,2-Tetrachloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
** 1,1,2-Trichloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
1,1-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,1-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
1,2-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
.. 1,2-Dichloropropane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,3-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
1,4-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
Benzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Bromodichloromethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Bromoform	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
Bromomethane/Chloroethane	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw
N Carbon Tetrachloride	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
Chlorodibromomethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
Chloroform	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chloromethane	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
cis-1,2-Dichloroethene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
cis-1,3-Dichloropropene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Ethylbenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N m & p-Xylene	<0.2000	0.2000	PPMV	AM4.02	6/26/07	rw
Methylene Chloride	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
N o-Xylene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Tetrachloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
Toluene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
trans-1,2-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N trans-1,3-Dichloropropene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
Trichloroethene	0.0287	0.0100	PPMV	AM4.02	6/26/07	rw
Trichlorofluoromethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Vinyl Chloride	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw



Client Name: URS
 Contact: Mark Dowiak
 Address: Foster Plaza 4
 501 Holiday Drive
 Suite 300
 Pittsburgh, PA 15220

Page: Page 3 of 3
 Lab Proj #: P0706116
 Report Date: 06/28/07
 Client Proj Name: Essex Hope
 Client Proj #: 41567920

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received		
PL POST-CARB	Vapor	P0706116-02	06 Jun. 07 16:35	07 Jun. 07 12:14		
Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
skAnalysis						
1,1,1-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N 1,1,2,2-Tetrachloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,1,2-Trichloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
1,1-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,1-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
1,2-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
1,2-Dichloropropane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,3-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
1,4-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
Benzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Bromodichloromethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Bromoform	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
Bromomethane/Chloroethane	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw
N Carbon Tetrachloride	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
Chlorodibromomethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
Chloroform	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chloromethane	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
† cis-1,2-Dichloroethene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
l cis-1,3-Dichloropropene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Ethylbenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N m & p-Xylene	<0.2000	0.2000	PPMV	AM4.02	6/26/07	rw
l Methylene Chloride	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
l o-Xylene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Tetrachloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
l Toluene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
l trans-1,2-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N trans-1,3-Dichloropropene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
† Trichloroethene	0.0345	0.0100	PPMV	AM4.02	6/26/07	rw
l Trichlorofluoromethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Vinyl Chloride	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw



WILLY - C - CUSTODY RECORD

microseeps
Lab. Proj. #

microseeps
COC cont. #

Phone: (412) 826-5245

Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238

Fax No.: (412) 826-3433

Company:

Co. Address:

Phone #:

Fax #:

Proj. Manager:

Proj. Name/Number:

Sampler's signature:

Cooler Temp.

Sample ID

Sample Description

Sample Type
Water Vapor Solid

Date

Time

Control #

Parameters Requested

Results to:

Invoice to:

Remarks:

Relinquished by:

Company:

Date:

Time:

Received by:

Company:

Date:

Time:

Relinquished by:

Company:

Date:

Time:

Received by:

Company:

Date:

Time:

Relinquished by:

Company:

Date:

Time:

Received by:

Company:

Date:

Time:

WHITE COPY : Accompany Samples

YELLOW COPY : Laboratory File

PINK COPY : Submitter

