ATC ASSOCIATES OF NORTH CAROLINA, P.C.
Engineering Individual Solutions

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT
OF

OE ENTERPRISES, INC.
717 NORTH PARK AVENUE
BURLINGTON, NORTH CAROLINA

BB&T PROJECT ID NUMBER: ESA113673
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1.0 INTRODUCTION

ATC Associates of North Carolina, P.C. (ATC) is pleased to submit this Limited Phase II Environmental Site Assessment (ESA) to BB&T Bank documenting subsurface environmental assessment at the OE Enterprises, Inc. facility, which is located at 717 North Park Avenue, in Burlington, North Carolina. **Figure 1** shows the site and vicinity on part of a USGS Topgraphic Qudrangle Map. ATC conducted the Limited Phase II and evaluated its findings in general conformance with the applicable North Carolina Department of Environment and Natural Resources (NCDENR) regulations and environmental consulting industry standards.

The property contains a with a one-story warehouse facility, which currently houses medical device assembly and storage, two loading dock areas, and parking areas. The facility building covers the majority of the property area in an area of industrial, former industrial and residential properties. Former property use was for textile manufacturing as Annedeen Hosiery.

1.1 Background

On May 31, 2011, ECS Carolinas LLP (ECS) completed a Phase I Environmental Site Assessment (Phase I ESA) on the property. The environmental database information, including Sanborn maps and regulatory records from the Phase I ESA, indicated a former onsite UST and a former dyeing operation associated with the property. ECS indicated that the former dyeing operation represented a *recognized environmental condition* for the property. The previous Phase I also indicated a dry cleaning operation historically located 250 feet northeast of the site. ECS also stated that the historic dry cleaning operation represented a *recognized environmental condition* for the project property. Based on information collected from the Phase I ESA, ECS recommended additional assessment to determine if the site had been impacted by any of the identified *recognized environmental conditions*.

On August 1, 2011, ECS completed a Phase II Environmental Site Assessment (Phase II ESA) on the property including subsurface investigation of the former UST and former dye house locations. ECS performed soil and groundwater assessment for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), and RCRA metals. Laboratory results detected barium, chromium, lead, and mercury in the soil samples but the concentrations did not exceed the North Carolina Department of Environment and Natural Resources (NCDENR), Inactive Hazardous Sites Branch (IHSB) Soil Remediation Goals (SRGs). No VOCs or SVOCs were detected in soil samples analyzed from the ECS Phase II ESA.

ECS collected three groundwater samples from temporary monitor wells at disparate parts of the site. One monitoring well (TW-1) near the north-central exterior of the facility contained tetrachloroethene (PCE) at a concentration of 1.92 ug/L, which is greater than the North Carolina groundwater standard of 0.7 ug/L, as defined by Title 15A of the North Carolina Administrative Code (NCAC), Subchapter 2L, Section .0202. Trihalomethane compounds (THMs), including chloroform and bromodichloromethane were also detected. However, THMs in urban areas are often caused by

release of municipally supplied water, which contains THMs that are derived from interaction of the chlorine ion with naturally occurring organics (USGS, 2001). Such conditions appear to apply with THM detections at the site. Water samples also contained metals above North Carolina 2L groundwater standards, but the concentration distribution and types of metals detected suggest natural occurrence. The collection and immediate unfiltered preservation of sediment-laden groundwater from temporary wells by ECS likely caused the groundwater metals detections.

Discussions of the prior site due diligence information between ATC and the BBT ERM outsource provider, Bell Oldow Inc., led to ATC proposing additional subsurface assessment of VOCs and particularly PCE in the shallow and deep intervals in the overburden groundwater across the north-central parts of the site. Because of the propensity of PCE to move as a dense, non-aqueous phase liquid (DNAPL) when a free product, lower parts of aquifers are often impacted by vertical free product migration through the water column. ATC and Bell Oldow's designed an assessment approach to provide a vertical component of assessment at various locations surrounding the ECS location of TW-1, where minor PCE was initially detected. ATC was provided with a New Environmental Order (order) dated December 8, 2011, from BB&T Bank to perform a new Phase II ESA.

1.2 Site Location and Description

The site is located on a 2.53 parcel of land utilized for light industrial assembly and storage at 717 North Park Avenue, in Burlington, North Carolina. Figure 2 shows the site and vicinity on a aerial photograph overlay.

Residential and industrial land use with some commercial areas characterizes the current site and vicinity land use. Specifically, Robertson Street borders the north side of the facility, with a vacant warehouse facility and a single-family residence beyond; North Logan Street, followed by a property parking lot lies to the east; a parking lot is located to the west; and North Park Avenue, a railroad line, West Webb Avenue, and a warehouse facility are located to the south.

2.0 SUBSURFACE INVESTIGATION

2.1 Preliminary Activities

Prior to commencing the drilling and sampling activities, ATC contracted STANTEC to identify public utilities at the site. ATC also prepared a site-specific Health and Safety Plan for use by ATC staff and sub-contractors in accordance with the Occupational Safety and Health Administration (29 Code of Federal Regulations 1910.120) requirements to address the potential physical and chemical exposure risks associated with the field environmental sampling activities. Additionally, the drilling subcontractor performed manual hand-auger digging in each location to a depth of five feet below land surface (ft bls) to assure that buried utilities or infrastructure would not be affected by the sampling work.

2.2 Soil Boring Advancement and Sampling Activities

On December 7 and 8, 2011, Carolina Soil Investigations (CSI), a North Carolina licensed driller, advanced soil borings (TW-1B and TW-4A through TW-7A) within the boundaries of the site. Soil borings TW-4A through TW-7A were advanced to approximate depths of 35 ft bls to reach into the water table. TW-1B was advanced 50 ft bls, adjacent to the former ECS TW-1 location. The drilling subcontractor installed the soil borings utilizing a track mounted GeoProbe® rig with direct push technology. The field team collected the soil samples via the discrete sampling method using stainless steel samplers with disposable five-foot acetate liners. **Figure 2** depicts the locations of the soil borings.

As each soil boring was advanced, representative soil samples were collected at two (TW-4A, TW-5A, TW-7A) and four (TW-1B, TW-6A) foot intervals and field screened for the presence of total organic vapors utilizing a photoionization detector (PID) that was calibrated prior to use. The soil samples were also observed for olfactory and visual (staining) evidence of environmental impact and were logged in general conformance with standard environmental geology practice. The field scientist selected two (2) soil samples for laboratory analysis based on field observations and elevated PID readings. ATC recorded soil observations in the field, and **Appendix A** contains the soil boring logs.

2.3 Temporary Monitoring Well Installations and Sampling Activities

ATC's drilling subcontractor converted soil borings TW-4A through TW-7A to temporary monitoring wells using 10 ft of one-inch diameter, PVC well screen with 0.010-inch factory slots to bracket the water table and a one-inch solid PVC riser extending to the surface. ATC and the subcontract driller also installed temporary deeper aquifer monitoring wells to a depth of 50 ft bls (TW-4B through TW-7B) adjacent to the associated shallower boring and temporary monitoring well locations. The subcontractor converted soil boring TW-1B to a temporary deeper monitoring well. TW-1B and TW-4B through TW-7B contained 5 ft of one-inch diameter, PVC well screen with 0.010-inch factory slots placed at the base of the boring, and a one-inch solid PVC riser extending to the surface. The driller filled the annular space within each boring with well-graded, pre-washed silica sand to an

interval two feet above the top of the well screen and placed a two-foot thick bentonite seal above the sand in each temporary well.

The field scientist developed each groundwater sampling location utilizing a peristaltic pump and disposable plastic tubing to clear as much sediment as possible. Following development, temporary wells were allowed approximately two to four hours to equilibrate to natural groundwater levels. Groundwater at the site occurred between approximately 25 ft bls and 32 ft bls. **Table 1** provides a summary of groundwater elevation measurements and other monitoring well information. ATC then collected a groundwater sample from each location (TW-1B and TW-4A/B through TW-7A/B), using a peristaltic pump and disposable tubing. The field crew decontaminated sampling equipment and instrumentation between samples and locations. The ATC field scientist measured the top-of-casing for each temporary well using a survey level in reference comparison to an arbitrary, site-specific benchmark of 100.00 feet at the TW-4B top-of-casing.

Figure 2 shows the groundwater sampling locations. Upon completion of the groundwater sampling activities, the North Carolina-registered well drilling subcontractor abandoned the sampling location by removing the PVC well, backfilling the boreholes with bentonite chips, and if necessary re-surfacing using concrete in paved areas, in accordance with NCDENR regulations. **Appendix A** contains the well installation and abandonment records.

3.0 PHYSICAL SETTINGS

3.1 Topography

ATC reviewed the USGS 7.5-Minute Series Topographic map for the Burlington, North Carolina Quadrangle, dated 1969. According to the topographic map, the project property is located near a broad hilltop approximately 680 feet above mean sea level (msl). The ground surface at the study area slopes gently downward to the east and north. Based on the overall topography of the surrounding vicinity, surface water runoff at the property and adjoining parcels would likely flow across paved areas and via curb and gutter to stormwater drains and ditches to an unnamed tributary of Staley Creek, whose headwaters are several hundred feet to the northeast of the project site.

3.2 Geology

The property lies within the Carolina Slate Belt of the Piedmont Physiographic Province. According to the Geologic Map of North Carolina (NC Geologic Survey, 1985) the property lies in an area with crystalline bedrock consisting of metamorphosed basaltic flows and tuffs, which are dark green to black and are interbedded with felsic and intermediate metavolcanic rock and metamudstone, which are lighter in color. The shallow subsurface in the Piedmont contains residual soil, or overburden, derived from in-place weathering of the bedrock, and the soil varies in thickness from non-existent at bedrock outcrops to depths of up to approximately 100 ft bls in areas of readily weathered bedrock. Residual soils vary from structureless soils known as residuum, to soils with light relict rock features

known as saprolite, to partially weathered rock, which is often found as a zone immediately above the bedrock.

Based on the field data collected during the advancement of the soil borings, the subsurface conditions predominantly consisted of brown and red, slightly sandy clayey silt. Based on the generally medium to light color of soils encountered during the Phase II ESA, ATC expects that the site lies in an area of the felsic and intermediate, rather than the basaltic metavolcanics. Impenetrable material, which probably represents the bedrock surface, was encountered at 50 ft bls in the TW-4B location.

3.3 Hydrogeology

Groundwater generally occurs as a water table in the residual soils, and becomes increasingly confined to fractures and other planar features as bedrock integrity increases at depth. Considering the surface topography for the property, as interpreted from the local USGS Topographic Map, ATC expects the groundwater to flow generally to the northeast towards an unnamed tributary of Staley Creek. The results of the Phase II ESA indicate that the groundwater flow in the overburden generally does flow to the east-northeast. The upper zone of the overburden as observed in the four shallower wells (TW-4A through TW-7A) suggested a potential component of flow to the southeast, but the limited time for water equilibration in the wells prevents a more certain diagnosis of groundwater flow.

Figure 3A shows a groundwater elevation and flow map for the shallow overburden zone as derived from TW-4A through MW-7A information. **Figure 3B** shows the groundwater elevation and flow map for the deeper overburden zone as derived from TW-1B and TW-4B through MW-7B information. The flow gradient for the shallow overburden ranges from approximately 0.0038 for the southerly flow component to 0.010 for the easterly flow component. The flow gradient for the deeper overburden is much steeper and ranges from 0.047 to 0.058, with the flow directions being more consistently east-northeast or northeast. Evaluation of groundwater elevation data for each well pair showed that the vertical component of groundwater flow as strongly downward at well pair TW-5A/B, moderately downward at TW-4A/B and TW-7A/B, and virtually equal at TW-6A/B. The soil classification for the overburden aquifer matrix suggests a relatively low permeability, or hydraulic conductivity, with a rough estimate of 10^{-1} feet per day (Heath, 1983).

4.0 LABORATORY ANALYTICAL RESULTS

ATC collected two (2) soil and nine (9) groundwater samples from the temporary monitor well locations at the OE Enterprises site. ATC placed the soil and groundwater samples in laboratory provided, certified-clean, and properly preserved containers; entered the samples into chain-of-custody control upon collection; stored the samples in a cooler containing ice for preservation; and submitted the samples to North Carolina-accredited Prism Laboratories, Inc. in Charlotte, North Carolina, for analysis. Prism Laboratories analyzed the soil and groundwater samples for volatile organic compounds (VOCs) via EPA Method 8260B.

4.1 Soil Sample Analytical Results

ATC screened soil from discreet intervals using the PID at TW-1B and for each of the shallow borings at the other well pairs. PID readings ranged from 0.0 to approximately 81 parts per million vapor (ppmv). ATC submitted two soil samples, based on the highest observed PID readings in separate borings, for laboratory analyses. The selected samples from TW-6A (12-16 ft bls) and TW-7A (4-6 ft bls) had respective PID readings of 38 ppmv and 81 ppmv. Other PID readings were generally less than 10 ppmv, and the only other samples with PID readings above 20 ppmv were from TW-6A (8-12 ft bls), with a PID reading of 36 ppmv, and TW-7A (0-4 ft bls), with a PID reading of 33 ppmv (**Appendix A**).

Based on the laboratory analytical results, PCE was detected in the soil collected from TW-7A (4-6 ft bls) at a concentration of 0.041 mg/kg. The analysis detected no other VOCs in the TW-7A soil sample, and no detection of VOCs from soil collected at TW-6A (12-16 ft bls) occurred. **Table 2** presents a summary of the soil laboratory analytical results and applicable remediation objectives, and **Appendix B** contains the laboratory analytical reports and chain-of-custody documentation.

4.2 Groundwater Sample Analytical Results

ATC collected nine (9) groundwater samples (TW-1B and TW-4A/B through TW-7A/B) from the site on December 8, 2011, and submitted the samples for laboratory analyses of VOCs. Laboratory analysis indicated the presence of VOCs in each of the temporary wells from the ATC Limited Phase II ESA. **Table 3** provides a summary of the groundwater laboratory analytical results, and Appendix B contains the laboratory analytical report and chain-of-custody documentation.

PCE and its degradation products, 1,1-dichloroethane and 1,1-dichloroethene (UMN, 2011), were detected in TW-6A/B, and PCE alone was detected in TW-1B (and previously by ECS in TW-1), TW-5A/B, and TW-7A/B. The maximum concentrations occurred in shallow zone wells TW-5A at 50 ug/L and TW-7A at 35 ug/L. The maximum concentration in the deeper overburden zone was 17 ug/L in MW-5B. **Figure 4A** provides a plan view of the apparent PCE plume with isocontours of the vertical maximum extent of impact. That is, vertical maximum extent contouring uses the maximum value in each area or well pair to define contour placement. **Figure 4B** contouring uses vertical

maximum data for total detected VOCs, with the exception of THMs. The VOC impact plume, which is made up primarily of chlorinated solvent impact, extends from the northeast-central part of the property towards the northeast, and the Limited Phase II ESA and the prior assessment have not established the lateral and vertical extents of the impact.

The Phase II ESA detected minor groundwater impact by total xylenes and toluene, which are petroleum constituents. Toluene was detected at less than 2 ug/L in TW-6A/B, and xylenes were detected at less than 2 ug/L in TW-4B, TW-6A/B, and TW-7B.

Each of the samples contained THMs (Chloroform and bromodichloromethane), and in several cases, the THM concentrations were greater than the other impact concentrations. Chloromethane, which is likely a degradation product of chloroform (Biteman, 2009), was also detected at low concentrations in most locations. Because the likely source of the THM impact would be municipal water lines rather than prior site activities, ATC did not provide contouring of the THM impact.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

ATC has completed a Limited Phase II ESA to assess the property subsurface for possible impact associated with former facility operations, when the site operated as a textile manufacturer. The Limited Phase II ESA provided additional information beyond a previous Phase II ESA in June 2011, to evaluate potential PCE and other VOC impact in the site subsurface. The prior Phase II ESA found PCE impact in one location near the north-central part of the site. The ATC Limited Phase II ESA used paired locations to evaluate soil and two zones in the overburden aquifer on the northern part of the site. ATC offers the following conclusions from the Limited Phase II ESA findings of December 2011:

- Of the five soil borings, two had apparent significantly elevated readings from field screening, and ATC analyzed samples from two borings with the most elevated field screening data for VOCs. The sample from 4-6 ft bls at TW-7A, adjacent to a rear driveway along Robertson Street on the north-central part of the facility, contained detectable PCE at 0.041 mg/kg. The concentration exceeds the North Carolina IHSB Soil-to-Groundwater goal of 0.005 mg/kg and indicates the soil would likely continue to impact to groundwater under normal conditions. The impact is less than the IHSB SRG of 0.55 mg/kg.

- Because groundwater level data had to be collected relatively soon after well construction and purging based on project scope, full stabilization of the groundwater levels may not have occurred before groundwater samples were collected, and groundwater flow information may thus have minor inaccuracies. The available groundwater flow information indicates the groundwater flow in the shallow overburden zone to be primarily to the east at a moderate gradient, with potential for western and southern parts of the site to have a more southerly flow

component at a low gradient. The deeper overburden zone flow across the study area is to the northeast and east-northeast at a relatively steep gradient. Vertical gradients within the overburden appear to be moderately downward to steeply downward along the northern site boundary with Robertson Street, and vertical gradient appears to be relatively equal or very slightly downward beneath the building at the TW-6A/B pair.

- Groundwater quality across the eastern half of the study area is impacted by PCE at concentrations approaching two orders of magnitude greater than the North Carolina groundwater standard of 0.7 ug/L (Title 15A, Subchapter 2L, Section .0202 of the North Carolina Administrative Code). The PCE impact affects the shallow overburden zone and to a lesser extent the deeper overburden zone, and the plume derives from a likely source area within the north-central part of the facility (near or to the south of the eastern loading bay area). The vertical and horizontal extents of the PCE plume in shallow groundwater have not been defined, and the plume appears to extend to the northeast, toward the headwaters of a stream branch, beneath former industrial and current residential properties in the site vicinity.

- The occurrence of two PCE degradation constituents in the TW-6A/B well pair inside the building and the highest PCE concentration immediately downgradient from the parking area of the loading dock support conclusions that the likely source areas lie beneath the site building or at the loading dock. Several factors probably provide mitigation regarding the PCE impact: The impact decreases with depth at the TW-6A/B well pair; the PCE impact seems to be degrading through natural anaerobic bioremedial processes; downward vertical gradient in or near the source area is slight or moderate; the gross impact concentration at or near the probable source area(s) is modest; and the probable source areas are effectively capped by the building and the parking area, which prevent infiltration through potential secondary soil sources.

- ATC provides a rough range of groundwater impact migration based on general groundwater flow velocities as calculated from horizontal gradients (0.0038 to 0.058), estimated hydraulic conductivity (10^{-1} feet per day), and estimated effective porosity (0.15). Groundwater flow velocity equals gradient times hydraulic conductivity, divided by effective porosity (Heath, 1983). Thus, flow may vary from approximately 1 foot per year in the southerly flow direction of the upper overburden up to approximately 15 feet per year to the east-northeast in the deep overburden. Thus, if a fifty-year history has transpired since the initial release of impact materials, migration via direct flow conditions may vary from approximately 50 feet up to approximately 750 feet. Please note that groundwater flow velocity does not precisely equal impact migration rates, and these estimates are based on preliminary information. Other factors affect impact migration rates including soil organic content and contaminant dispersivity. Therefore, migration in groundwater may vary from less than 50 feet to more than 1,000 feet from the source area, depending upon variation in assumptions.

- Groundwater impact by other VOCs appears to consist of minor petroleum impact and THMs from leaking municipal water lines. That is, toluene or xylenes in groundwater at concentrations far below standards probably result from negligible petroleum releases during the site history. The THMs likely result from non-site sources and would be unlikely to contribute to property environmental business risk.

- The IHSB or the Brownfields Group of the Superfund Section, Division of Waste Management, NCDENR would be the probable regulatory enforcement venues for the PCE impact, and the impact constitutes and environmental business risk for the property. The risks and liability include property devaluation from perceived risk, cost of potential of regulatory enforcement requirements (assessment and cleanup), and impact to human health or the environment at site and vicinity receptors of impact.

6.0 LIMITATIONS

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering in the State of North Carolina. This warranty is in lieu of all other warranties either expressed or implied. ATC is not responsible for the independent conclusions, opinions or recommendations made by others based on the results and designs presented in this report. The passage of time may result in a change in the environmental conditions at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated.

This subsurface investigation is limited in that results were obtained only for those areas investigated. In addition, the final depths of the advanced soil borings were dictated by proposal as agreed by the client/independent client advisors and site-specific subsurface conditions. ATC does not warrant that all areas of the site are free and clear of contamination, or that all contamination has been identified by this investigation. All investigations are limited in their scopes and results, and should only be interpreted in the context from which they were designed.

No investigation can absolutely rule out the existence or degree of any hazardous materials or petroleum products at a given site. If a higher level of confidence were required than can be defined by this scope of work, then additional investigation would, of course, be required. ATC accepts no liability arising from environmental impact to, of from, the site, regardless of the date of impact occurrence or findings.

7.0 REFERENCES

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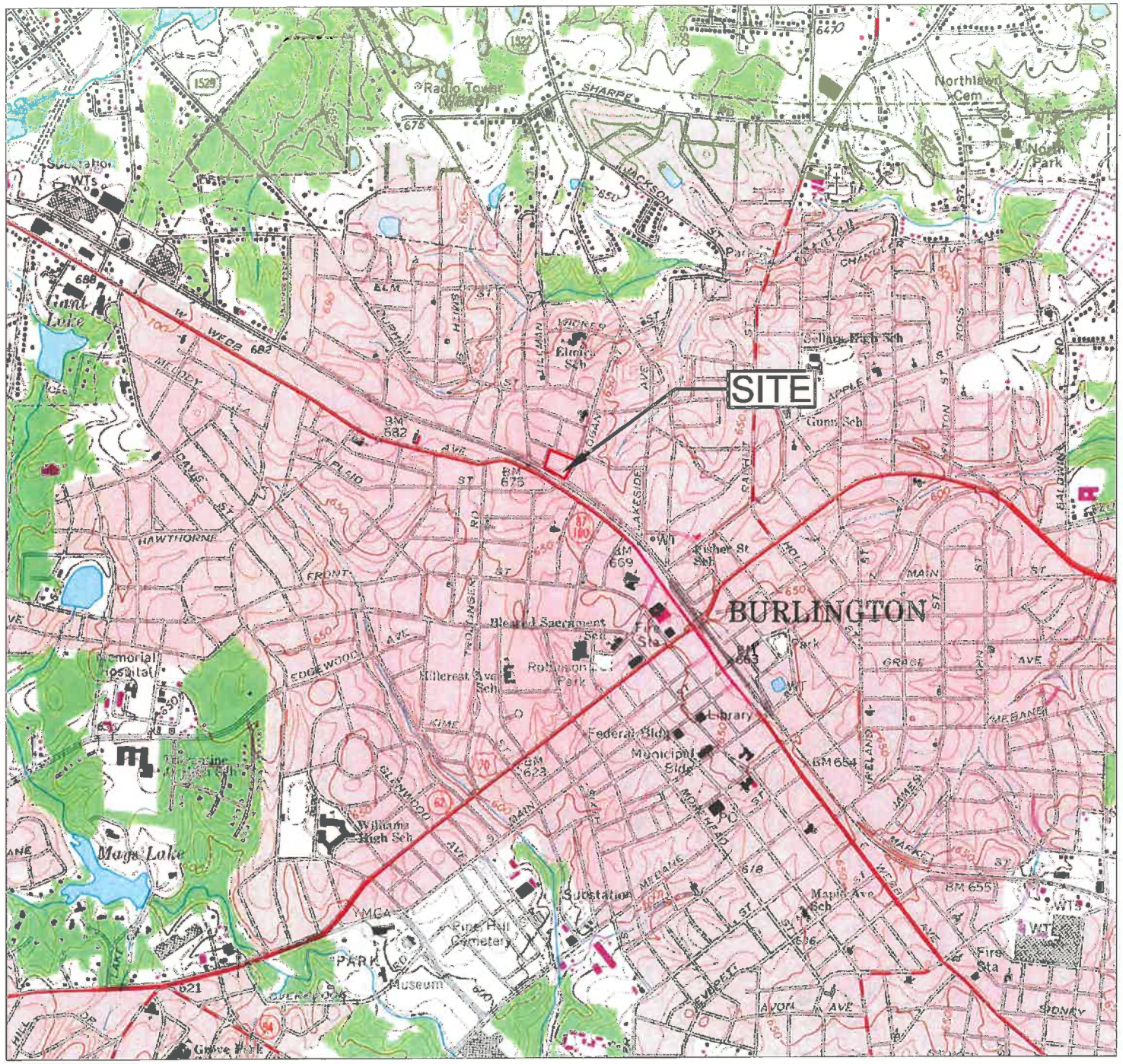
FIGURES



TITLE FIGURE 1
SITE LOCATION MAP
OE ENTERPRISES – ESA113673
717 NORTH PARK AVENUE
BURLINGTON, ALAMANCE COUNTY, NC

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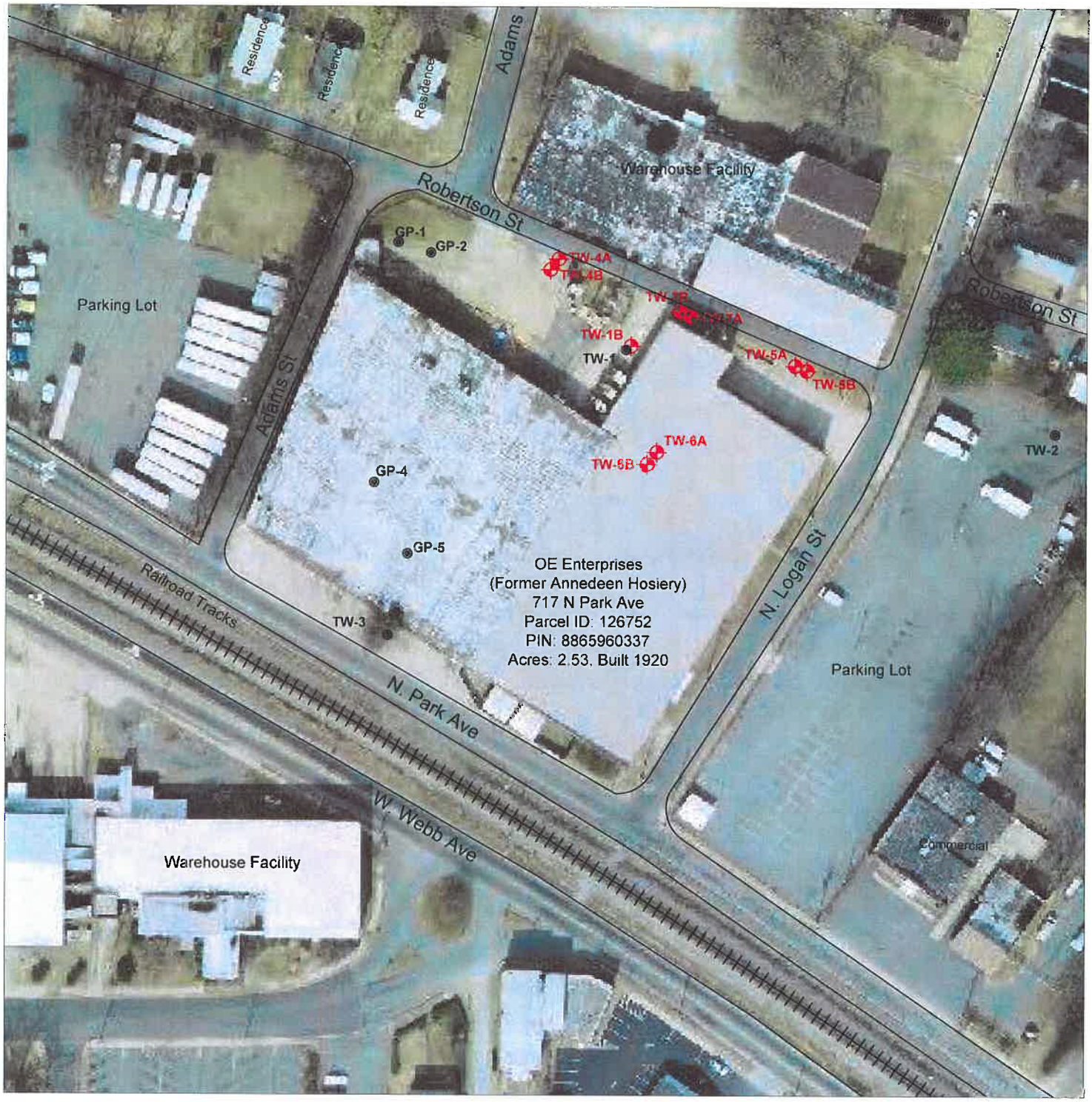

TEMPORARY WELLS

FORMER SAMPLE LOCATION

0 100 200

APPROXIMATE SCALE IN FEET

Source: Alamance County GIS Online Mapping, 2010 Aerial Photography

TITLE FIGURE 2
SITE AND VICINITY MAP
OE ENTERPRISES – ESA113673
717 NORTH PARK AVENUE
BURLINGTON, ALAMANCE COUNTY, NC

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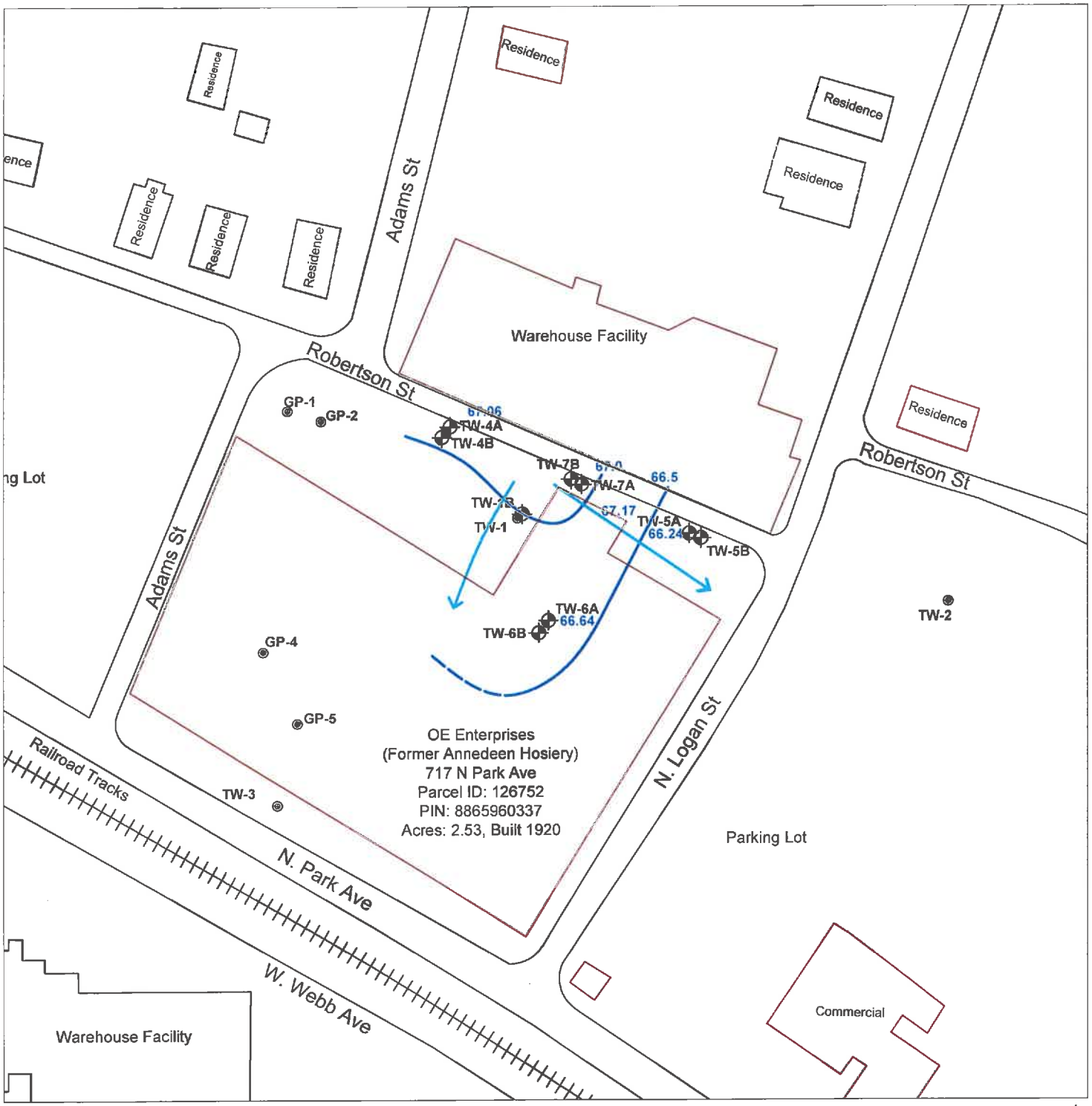

Source: Alamance County GIS Online Mapping, 2010 Aerial Photography

TITLE FIGURE 3A
GROUNDWATER ELEVATION MAP – SHALLOW OVERBURDEN
OE ENTERPRISES – ESA113673
717 NORTH PARK AVENUE
BURLINGTON, ALAMANCE COUNTY, NC

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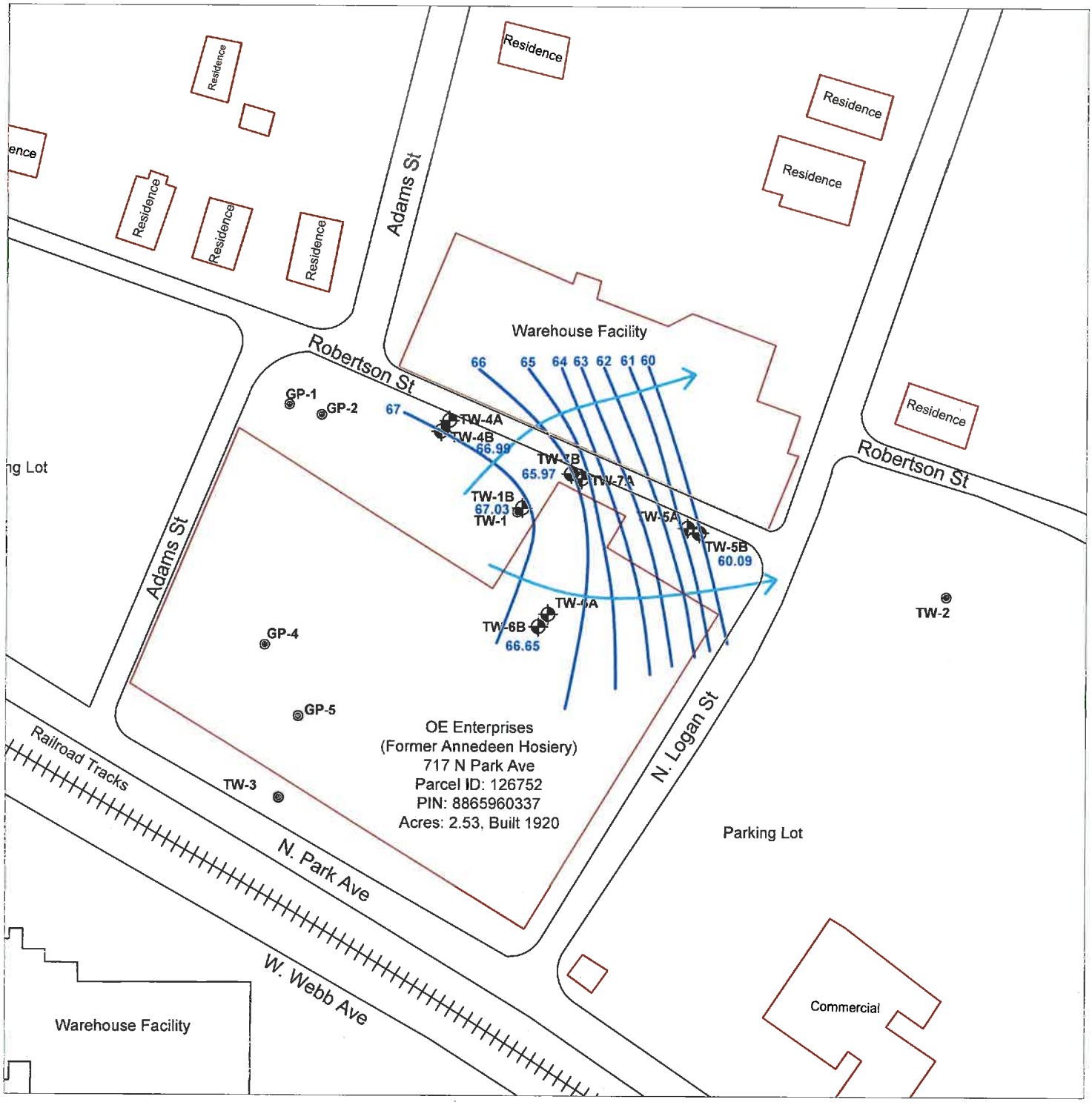

TEMPORARY WELLS

FORMER SAMPLE LOCATION

GROUNDWATER ELEVATION CONTOUR (DASHED IN AREAS OF LESS CERTAINTY)

GROUNDWATER FLOW DIRECTION

0 100 200

APPROXIMATE SCALE IN FEET

Source: Alamance County GIS Online Mapping, 2010 Aerial Photography

TITLE FIGURE 3B
GROUNDWATER ELEVATION MAP – DEEP OVERBURDEN
OE ENTERPRISES – ESA113673
717 NORTH PARK AVENUE
BURLINGTON, ALAMANCE COUNTY, NC

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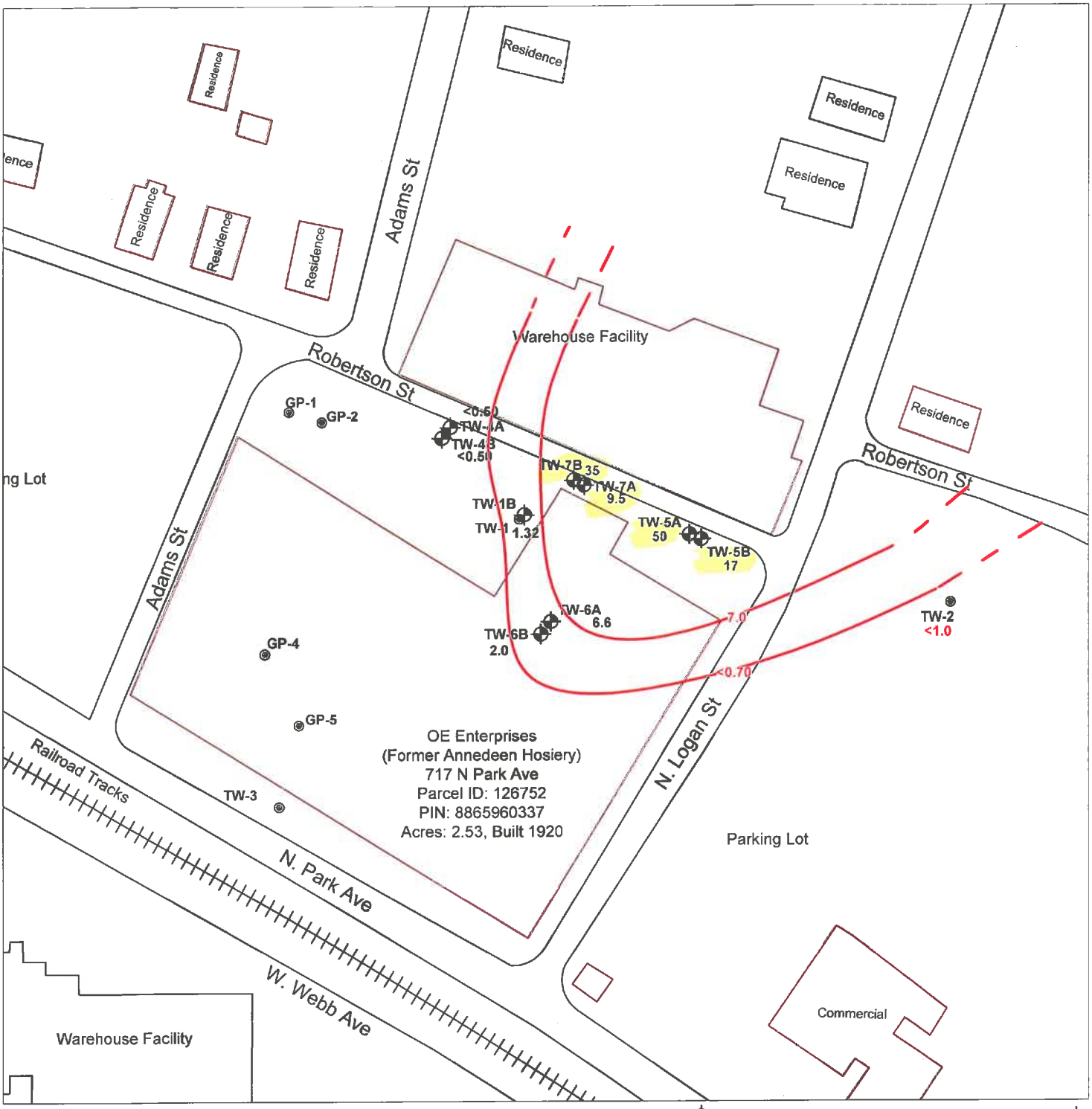

Notes:
1) Isoconcentration lines indicate vertical maximum dissolved concentrations of tetrachloroethylene.
2) Concentrations in ug/L, or parts per billion equivalents.
3) North Carolina Groundwater Standard for tetrachloroethylene is 0.70 ug/L

TEMPORARY WELLS

FORMER SAMPLE LOCATION

0 100 200

APPROXIMATE SCALE IN FEET

Source: Alamance County GIS Online Mapping, 2010 Aerial Photography

TITLE FIGURE 4A
TETRACHLOROETHENE CONCENTRATIONS IN GROUNDWATER
OE ENTERPRISES – ESA113673
717 NORTH PARK AVENUE
BURLINGTON, ALAMANCE COUNTY, NC

ATC ASSOCIATES OF NORTH CAROLINA, P.C.
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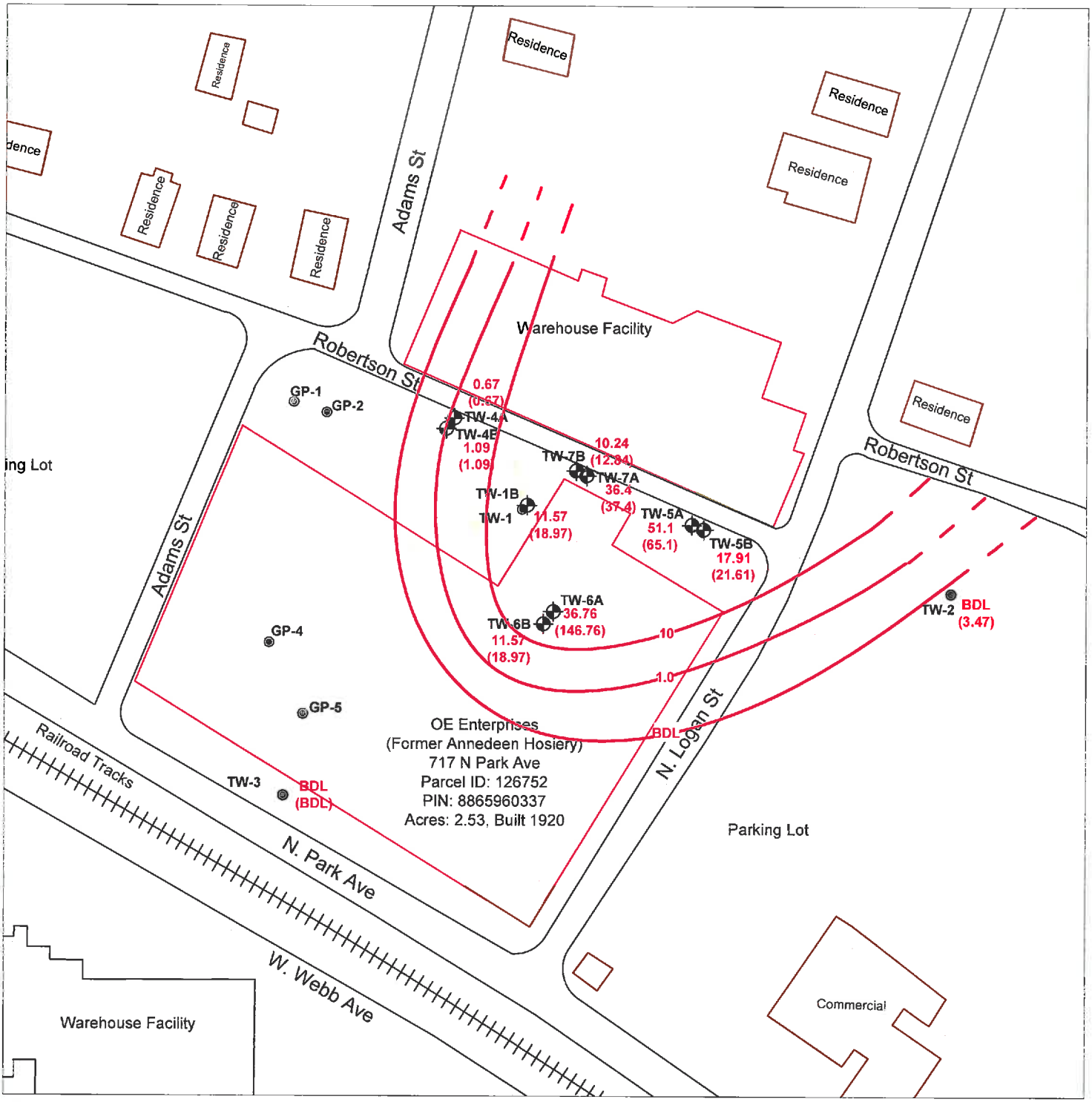
CAD FILE	TYPE CODE	PREP. BY	REV. BY	SCALE	DATE	PROJECT NO.
ESA113673	ESA	AD	DH	AS SHOWN	12/21/11	089.75321.1595



TEMPORARY WELLS FORMER SAMPLE LOCATION

1.61 - Total VOCs, excluding trihalomethanes (THMs)
(45.01) - Total VOCs, including THMs.

0 100 200
APPROXIMATE SCALE IN FEET

Notes:
1) Isoconcentration lines indicate vertical maximum dissolved concentrations of total VOCs, except THMs
2) Concentrations in ug/L, or parts per billion equivalents

Source: Alamance County GIS Online Mapping, 2010 Aerial Photography

TITLE FIGURE 4B
TOTAL VOLATILE ORGANIC COMPOUNDS (VOCs) IN GROUNDWATER
OE ENTERPRISES – ESA113673
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CAD FILE	TYPE CODE	PREP. BY	REV. BY	SCALE	DATE	PROJECT NO.
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TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS
OE ENTERPRISES
717 NORTH PARK AVENUE
BURLINGTON, NORTH CAROLINA
ATC ASSOCIATES PROJECT NO. 089.75321.1595

Well Location	Date	Total Well Depth (ft)	Well Screen Interval (ft)	TOC Elevation (ft)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation (ft)
TW-1B	12/8/2011	50.0	45-50	99.17	32.14	---	67.03
TW-4A	12/8/2011	38.0	28-38	100.00	32.94	---	67.06
TW-4B	12/8/2011	50.0	45-50	99.34	32.35	---	66.99
TW-5A	12/8/2011	35.0	25-35	92.07	25.83	---	66.24
TW-5B	12/8/2011	50.0	45-50	91.47	31.38	---	60.09
TW-6A	12/8/2011	35.0	25-35	95.64	29.00	---	66.64
TW-6B	12/8/2011	50.0	45-50	95.90	29.25	---	66.65
TW-7A	12/8/2011	40.0	30-40	97.77	30.60	---	67.17
TW-7B	12/8/2011	50.0	45-50	97.26	31.29	---	65.97

Notes:
- TOC = Top Of Well Casing
- ft btoc = Feet below top of well casing

TABLE 2

SUMMARY OF DETECTED SOIL ANALYTICAL RESULTS

OE ENTERPRISES

717 NORTH PARK AVENUE

BURLINGTON, NORTH CAROLINA

ATC ASSOCIATES PROJECT NO. 089.75321.1595

Compound	Analytical Results (mg/kg)		IHSB Soil	IHSB Soil-to-Groundwater
	TW-6A (12-16 feet)	TW-7A (4-6 feet)		
Date	12/8/11			
Tetrachloroethene		**0.041**	0.55	0.005
Other VOCs			NA	NA

Notes:

- Concentrations in mg/kg or parts per million equivalents.
- Blank spaces indicate compound was below the method detection limit.
- The bold value indicates a soil concentration above the North Carolina Inactive Hazardous Sites Branch (IHSB; Superfund Section) soil-to-groundwater goal.
- NA indicates not applicable.

TABLE 3

SUMMARY OF DETECTED GROUNDWATER ANALYTICAL RESULTS

OE ENTERPRISES

717 NORTH PARK AVENUE

BURLINGTON, NORTH CAROLINA

ATC ASSOCIATES PROJECT NO. 089.75321.1595

		Analytical Results (ug/L)												
	Location	TW-1	TW-1B	TW-2	TW-3	TW-4-A	TW-4B	TW-5A	TW-5B	TW-6A	TW-6B	TW-7A	TW-7B	
	Date	06/30/11	12/8/11	06/30/11	06/30/11	12/8/11	12/8/11	12/8/11	12/8/11	12/8/11	12/8/11	12/8/11	12/8/11	2L Standards
Compound	**Consultant**	ECS	ATC	ECS	ECS	ATC	ATC	ATC	ATC	ATC	ATC	ATC	ATC	
Acetone											0.73 J			**6,000**
Bromodichloromethane		**1.3**	**4.4**											**0.6**
Chloroform		10.3	39	3.47				14	3.7	**110**	7.4	1.0	2.6	**70**
Chloromethane			0.88			0.67	0.56	1.1	0.91		0.74	1.4		**3**
1,1-Dichloroethane										**15**	2.6			**6**
1,1-Dichloroethene										**14**	2.4			**7**
Tetrachloroethene		**1.93**	**0.73**					**50**	**17**	**6.4**	**2.0**	**35**	**9.5**	**0.7**
Toluene										0.59	1.4			**600**
Total Xylenes							0.53			0.77 J	1.7		0.74 J	**500**
Total VOCs*		1.93	1.61			0.67	1.09	51.1	17.91	36.76	11.57	36.4	10.24	NA
Total VOCs**		13.53	45.01	3.47		0.67	1.09	65.1	21.61	146.76	18.97	37.4	12.84	NA

Notes

- Concentrations in ug/L, or parts per billion equivalents.
- Blank spaces indicate compound was below the method detection limit and the reporting limit.
- J-values indicate an estimated concentration below the reporting limit but above the method detection limit.
- Bold values indicate concentrations above a compound's North Carolina 2L Groundwater Standard (North Carolina Administrative Code, Title 15A, Subchaper 2L, Part .0202)
- NA indicates not applicable.

* Total VOCs, excluding trihalomethanes (THM)

** Total VOCs, including trihalomethanes (THM)

APPENDIX A

SOIL BORING LOGS/WELL ABANDONMENT RECORDS

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc./ Phase II	BORING I.D.:	TW-1B
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/7/2011
SITE LOCATION:	717 North Park Avenue Burlington, NC	DRILLING CONTR.:	Carolina Soil Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
		SAMPLING METHOD/INTERVAL:	Liner
	Client: BB&T	WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	50'
		SCREEN INTERVAL	45'-50'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
					1.0	Concrete/Gravel
2		Dry, M Dense	5.6		2.0	Clayey SILT (saprolite), brown
					3.0	
4					4.0	
					5.0	Clayey SILT (saprolite), brown with yellow and white mottling
6		Dry, Dense	7.1		6.0	
					7.0	
8					8.0	
					9.0	Clayey SILT (saprolite), reddish brown with yellow and white mottling
10		Dry, Dense	13.4		10.0	
					11.0	
12					12.0	
					13.0	
14		Dry, M Dense	9.1		14.0	
					15.0	
16					16.0	
					17.0	
18		Dry, M Dense	11.9		18.0	
					19.0	
20					20.0	
					21.0	
22		Dry, M Dense	11.4		22.0	
					23.0	
24	NA				24.0	
					25.0	Clayey SILT (saprolite), reddish brown with yellow and white mottling, mineral inclusion
26		Damp, M Dense	8.5		26.0	
					27.0	
28					28.0	
					29.0	
30		Damp, M Dense	9.0		30.0	
					31.0	
32				▼	32.0	DTW 32.14
					33.0	MOIST
34		Moist, M Dense	9.9		34.0	Clayey SILT (saprolite), reddish brown with yellowish white mottling, mineral inclusion
					35.0	
36					36.0	
					37.0	
38		Moist, M Dense	11		38.0	
					39.0	
40					40.0	
					41.0	WET
42		Wet, M Dense	9.3		42.0	
					43.0	
44					44.0	MOIST
					45.0	
46		Moist, M Dense	8.5		46.0	
					47.0	
48					48.0	
					49.0	
50					50.0	Screen set from 45' to 50'

DRILLING METHODS
SS-SPLIT SPOON
AR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DD - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHODS
GRAB/GEOPROBE
SPLIT SPOON

PHC - PETROLEUM HYDROCARBON ODOR

GRAPHIC COLUMN
DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN
SAA - SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc./ Phase II	BORING I.D.:	TW-4A
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/7/2011
SITE LOCATION:	717 North Park Avenue Burlington, North Carolina	DRILLING CONTR.:	Carolina Soil Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
	Client: BB&T	SAMPLING METHOD/INTERVAL:	Liner
		WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	38'
		SCREEN INTERVAL:	28'-38'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
		Dry, M Dense	0.5		1.0	Asphalt/Gravel
2					2.0	Clayey SILT (saprolite), light brown with white mottling
		Dry, M Dense	0.5		3.0	
4					4.0	
		Dry, M Dense	3.5		5.0	
6					6.0	
		Dry, M Dense	3.5		7.0	
8					8.0	
		Dry, M Dense	5.0		9.0	
10					10.0	
		Dry, M Dense	5.5		11.0	
12					12.0	
		Dry, M Dense	5.6		13.0	Clayey SILT (saprolite), pinkish and light brown with white mottling
14					14.0	
		Dry, M Dense	4.6		15.0	
16					16.0	
		Dry, M Dense	3.7		17.0	
18					18.0	
	NA	Dry, M Dense	3.7		19.0	Clayey SILT (saprolite), red with yellow and white mottling
20					20.0	
		Dry, M Dense	5.3		21.0	
22					22.0	
		Dry, M Dense	6.0		23.0	
24					24.0	
		Dry, M Dense	7.3		25.0	
26					26.0	
		Damp, M Dense	7.1		27.0	
28					28.0	
		Damp, M Dense	4.9		29.0	Clayey SILT (saprolite), red with light brown and white mottling, dark mineral inclusion
30					30.0	
		Damp, M Dense	4.3		31.0	Clayey SILT (saprolite), red, with light brown seam at 32', damp
32					32.0	
		Moist, M Dense	5.6		33.0	DTW 32.94
34					34.0	Clayey SILT (saprolite), red with white and yellow mottling, dark mineral inclusion
		Moist, M Dense	5.1		35.0	
36					36.0	
		Moist, M Dense	4.9		37.0	MOIST
38					38.0	**Screen set from 28' to 38'**

DRILLING METHODS
SS-SPLIT SPOON
A/R - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHODS
GP-GEOPROBE
SPLIT SPOON

PHC = PETROLEUM HYDROCARBON ODOR

bgs= BELOW GROUND SURFACE

GRAPHIC COLUMN
DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN

SAA= SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc./ Phase II	BORING I.D.:	TW-4B
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/7/2011
SITE LOCATION:	717 North Park Avenue Burlington, NC	DRILLING CONTR.:	Carolina Soil Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
		SAMPLING METHOD/INTERVAL:	Liner
	Client: BB&T	WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	50'
		SCREEN INTERVAL:	45'-50'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	Soil Description Based on Adjacent TW-4A Data DESCRIPTION OF MATERIAL
		Dry, M Dense	0.5		1.0	Asphalt/Gravel
2					2.0	Clayey SILT (saprolite), light brown with white mottling
		Dry, M Dense	0.5		3.0	
4					4.0	
		Dry, M Dense	3.5		5.0	
6					6.0	
		Dry, M Dense	3.5		7.0	
8					8.0	
		Dry, M Dense	5.0		9.0	
10					10.0	
		Dry, M Dense	5.5		11.0	
12					12.0	
		Dry, M Dense	5.6		13.0	Clayey SILT (saprolite), pinkish and light brown with white mottling
14					14.0	
		Dry, M Dense	4.6		15.0	
16					16.0	
		Dry, M Dense	3.7		17.0	
18					18.0	
		Dry, M Dense	3.7		19.0	Clayey SILT (saprolite), red with yellow and white mottling
20					20.0	
		Dry, M Dense	5.3		21.0	
22					22.0	
		Dry, M Dense	6.0		23.0	
24	NA				24.0	
		Dry, M Dense	7.3		25.0	
26					26.0	
		Dry, M Dense	7.1		27.0	
28					28.0	
		Damp, M Dense	4.9		29.0	Clayey SILT (saprolite), red with light brown and white mottling, dark mineral inclusion
30					30.0	
		Damp, M Dense	4.3		31.0	Clayey SILT (saprolite), red, with light brown seam at 32', damp
32				▼	32.0	DTW 32.35
		Damp, M Dense	5.6		33.0	Clayey SILT (saprolite), red with white and yellow mottling, dark mineral inclusion
34					34.0	
		Moist, M Dense	5.1		35.0	
36					36.0	
		Moist, M Dense	4.9		37.0	MOIST
38					38.0	Clayey SILT (saprolite), red from 36'-38' with yellowish white mottling and mineral inclusion. Brown
		Moist, M Dense	4.3		39.0	from 38'-40' with yellowish white mottling and mineral inclusion
40					40.0	
					41.0	Soil not screened.
42					42.0	
					43.0	
44					44.0	
		NA	NA		45.0	
46					46.0	
					47.0	
48					48.0	
					49.0	
50					50.0	Screen set from 45' to 50'

DRILLING METHODS
SS-SPLIT SPOON
AR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
DRAWING METHODS
GP-GEOPROBE
SPLIT SPOON

PHC - PETROLEUM HYDROCARBON ODOR

Y = BELOW GROUND SURFACE

GRAPHIC COLUMN

▼ DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN

S/A = SAME AS ABOVE

ATC ASSOCIATES INC.

4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc./ Phase II	BORING I.D.:	TW-5A
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/7/2011
SITE LOCATION:	717 North Park Avenue Burlington, North Carolina	DRILLING CONTR.:	Carolina Soil Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
	Client: BB&T	SAMPLING METHOD/INTERVAL:	Liner
		WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	35'
		SCREEN INTERVAL:	25'-35'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
		Dry, M Dense	0.0		1.0	Clayey SILT (saprolite), brown with white mottling. Grass at surface.
2					2.0	
		Dry, M Dense	0.0		3.0	
4					4.0	
		Dry, M Dense	0.3		5.0	Clayey SILT (saprolite), brown with white and yellow mottling.
6					6.0	
		Dry, M Dense	0.6		7.0	
8					8.0	
		Dry, M Dense	0.2		9.0	
10					10.0	
		Dry, M Dense	0.2		11.0	
12					12.0	
		Dry, M Dense	1.5		13.0	Clayey SILT (saprolite), dark brown with yellow mottling
14					14.0	
		Dry, M Dense	0.8		15.0	
16					16.0	
		Dry, M Dense	3.6		17.0	Clayey SILT (saprolite), dark brown with yellow mottling, weathered rock inclusion
18	NA				18.0	
		Dry, M Dense	3.7		19.0	Clayey SILT (saprolite), dark brown with yellow mottling, mineral inclusion
20					20.0	
		Dry, M Dense	3.0		21.0	
22					22.0	
		Dry, M Dense	3.2		23.0	
24					24.0	
		Damp, M Dense	1.0		25.0	DAMP
26					26.0	DTW 25.83
		Damp, M Dense	2.5		27.0	
28					28.0	
		Damp, M Dense	1.6		29.0	
30					30.0	
		Saturated, M Dense	3.5		31.0	
32					32.0	
		Moist, M Dense	0.5		33.0	SATURATED
34					34.0	
		Moist, M Dense	0.8		35.0	MOIST Casing set from 25' to 35'

DRILLING METHODS
SS-SPLIT SPOON
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHODS
GP-GEOPROBE
SPLIT SPOON

bgs= BELOW GROUND SURFACE

GRAPHIC COLUMN
DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN

PHC = PETROLEUM HYDROCARBON ODOR

SAA= SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc./ Phase II	BORING I.D.:	TW-5B
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/7/2011
SITE LOCATION:	717 North Park Avenue Burlington, NC	DRILLING CONTR.:	Carolina Soil Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
	Client: BB&T	SAMPLING METHOD/INTERVAL:	Liner
		WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	50'
		SCREEN INTERVAL:	45'-50'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	Soil Description Based on Adjacent TW-5A Data DESCRIPTION OF MATERIAL
					1.0	Clayey SILT (saprolite), brown with white mottling. Grass at surface.
2		Dry, M Dense	0.0		2.0	
					3.0	
4		Dry, M Dense	0.0		4.0	
					5.0	Clayey SILT (saprolite), brown with white and yellow mottling
6		Dry, M Dense	0.3		6.0	
					7.0	
8		Dry, M Dense	0.6		8.0	
					9.0	
10		Dry, M Dense	0.2		10.0	
					11.0	
12		Dry, M Dense	0.2		12.0	
					13.0	Clayey SILT (saprolite), dark brown with yellow mottling
14		Dry, M Dense	1.5		14.0	
					15.0	
16		Dry, M Dense	0.8		16.0	
					17.0	Clayey SILT (saprolite), dark brown with yellow mottling, weathered rock inclusion
18		Dry, M Dense	3.6		18.0	
					19.0	Clayey SILT (saprolite), dark brown with yellow mottling, mineral inclusion
20		Dry, M Dense	3.7		20.0	
					21.0	
22		Dry, M Dense	3.0		22.0	
					23.0	
24	NA	Dry, M Dense	3.2		24.0	
					25.0	DAMP
26		Damp, M Dense	1.0		26.0	
					27.0	
28		Damp, M Dense	2.5		28.0	
					29.0	
30		Damp, M Dense	1.6		30.0	
				▼	31.0	DTW 31.38
32		Saturated, M Dense	3.5		32.0	
					33.0	SATURATED
34		Moist, M Dense	0.5		34.0	
		Moist, M Dense	0.8		35.0	MOIST
36					36.0	Soils not screened
					37.0	
38					38.0	
					39.0	
40					40.0	
					41.0	
42		NA	NA		42.0	
					43.0	
44					44.0	
					45.0	
46					46.0	
					47.0	
48					48.0	
					49.0	
50					50.0	Casing set from 45' to 50'

DRILLING METHODS
SS-SPLIT SPOON
AR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHODS
GP - GEOPROBE
SPLIT SPOON

bgs = BELOW GROUND SURFACE
GRAPHIC COLUMN
DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN

PID = PETROLEUM HYDROCARBON (ppm)
SAA = SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc. / Phase II	BORING I.D.:	TW-6A
PROJECT NO.:	89.75116.0607	DATE(S) DRILLED:	12/7/2011
SITE LOCATION:	717 North Park Avenue Burlington, North Carolina	DRILLING CONTR.:	Carolina Soil Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
	Client: BB&T	SAMPLING METHOD/INTERVAL:	Liner
		WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	38'
		SCREEN INTERVAL:	25'-35'

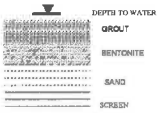
DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
					1.0	Concrete/Gravel
2		Dry, V Dense	5.2		2.0	Clayey SILT (saprolite)
					3.0	
4					4.0	
					5.0	Clayey SILT (saprolite), brown with white mottling, mineral inclusion
6		Dry, M Dense	6.6		6.0	
					7.0	
8					8.0	
					9.0	Clayey SILT (saprolite), reddish brown withw hite mottling, mineral inclusion
10		Dry, M Dense	36.4		10.0	
					11.0	
12					12.0	
					13.0	
14		Dry, M Dense	38.4		14.0	
					15.0	
16					16.0	
					17.0	
18	NA	Dry, M Dense	14.4		18.0	
					19.0	
20					20.0	
					21.0	Clayey SILT (saprolite), red with white mottling, mineral inclusion
22		Damp, M Dense	11.1		22.0	
					23.0	
24					24.0	
					25.0	
26		Damp, M Dense	15.0		26.0	
					27.0	
28					28.0	DAMP
					29.0	DTW 29.00
30		Damp, M Dense	3.8		30.0	Brown Clayey SILT (saprolite with yellow and white mottling, mineral inclusion
					31.0	
32					32.0	MOIST
					33.0	
34		Moist, M Dense	4.0		34.0	
					35.0	Screen set from 25' to 35'

DRILLING METHODS
SS-SPLIT SPOON
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHODS
GP-GEOPROBE
SPLIT SPOON

bgs= BELOW GROUND SURFACE

GRAPHIC COLUMN



PHC = PETROLEUM HYDROCARBON ODOR

SAA= SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc / Phase II	BORING I.D.:	TW-6B
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/7/2011
SITE LOCATION:	717 North Park Avenue Burlington, NC	DRILLING CONTR.:	Carolina Soil Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
		SAMPLING METHOD/INTERVAL:	Liner
	Client: BB&T	WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	50'
		SCREEN INTERVAL:	45'-50'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	Soil Description Based on Adjacent TW-6A Data DESCRIPTION OF MATERIAL
					1.0	Concrete/Gravel
2		Dry, V Dense	5.2		2.0	Clayey SILT (saprolite)
					3.0	
4					4.0	
					5.0	Clayey SILT (saprolite), brown with white mottling, mineral inclusion
6		Dry, Dense	6.6		6.0	
					7.0	
8					8.0	
					9.0	Clayey SILT (saprolite), reddish brown withw hite mottling, mineral inclusion
10		Dry, Dense	36.4		10.0	
					11.0	
12					12.0	
					13.0	
14		Dry, M Dense	38.4		14.0	
					15.0	
16					16.0	
					17.0	
18		Dry, M Dense	14.4		18.0	
					19.0	
20					20.0	
					21.0	Clayey SILT (saprolite), red with white mottling, mineral inclusion
22		Dry, M Dense	11.1		22.0	
					23.0	
24	NA				24.0	
					25.0	
26		Dry, M Dense	15.0		26.0	
					27.0	
28					28.0	DAMP
				▼	29.0	DTW 29.25
30		Damp, M Dense	3.8		30.0	Brown Clayey SILT (saprolite with yellow and white mottling, mineral inclusion
					31.0	
32					32.0	MOIST
					33.0	
34		Damp, M Dense	4.0		34.0	
					35.0	
36					36.0	
					37.0	
38					38.0	
					39.0	
40					40.0	
					41.0	
42					42.0	
					43.0	
44					44.0	
					45.0	
46					46.0	
					47.0	
48					48.0	
					49.0	
50					50.0	Screen set from: 45' to 50'

DRILLING METHODS
SS-SPLIT SPOON
AR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHODS
GP-GEOPROBE
SPLIT SPOON

bgs= BELOW GROUND SURFACE

GRAPHIC COLUMN
▼ DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN

PID= PETROLEUM IONIZATION DETECTOR
SAA= SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc. / Phase II	BORING I.D.:	TW-7A
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/8/2011
SITE LOCATION:	717 North Park Avenue Burlington, North Carolina	DRILLING CONTR.:	Carolina Subsurface Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
		SAMPLING METHOD/INTERVAL:	Liner
	Client: BB&T	WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	40'
		SCREEN INTERVAL:	30'-40'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
	NA	Dry, M Dense	33.2		1.0	Clayey SILT (saprolite), brown, organic odor. Grass at surface.
2					2.0	
					3.0	
4					4.0	
		Dry, M Dense	80.7		5.0	Clayey SILT (saprolite), brown with yellowish white mottling, slight odor.
6					6.0	
		Dry, M Dense	2.0		7.0	Clayey SILT (saprolite), brown and white, no odor
8					8.0	
		Dry, M Dense	2.9		9.0	
10					10.0	
		Dry, M Dense	1.4		11.0	
12					12.0	
		Dry, M Dense	1.6		13.0	Clayey SILT (saprolite), dark brown with white mottling
14					14.0	
		Dry, M Dense	16.1		15.0	Clayey SILT (saprolite), reddish brown with heavy white wottling
16					16.0	
		Dry, M Dense	5.3		17.0	
18					18.0	
		Dry, M Dense	3.3		19.0	SILT (saprolite) pinkish white
20					20.0	
		Dry, M Dense	3.0		21.0	SILT (saprolite) pinkish brown, heavy white mottling
22					22.0	
		Dry, M Dense	1.6		23.0	SILT (saprolite) pinkish white, mineral inclusion
24					24.0	
		Dry, M Dense	3.0		25.0	SILT (saprolite), white, mineral inclusion
26					26.0	
		Dry, M Dense	2.3		27.0	SILT (saprolite) reddish brown with white mottling
28					28.0	
		Dry, M Dense	3.5		29.0	
30					30.0	
		Damp, M Dense	2.7		31.0	DTW 30.60
32					32.0	SILT (saprolite) pink and white
		Damp, M Dense	2.4		33.0	
34					34.0	
		Damp, M Dense	2.7		35.0	
36					36.0	
		Damp, M Dense	1.9		37.0	
38					38.0	
		Damp, M Dense	3.1		39.0	
40					40.0	Screen set from 30' to 40'

DRILLING METHODS
SS-SPLIT SPOON
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHODS
GP-GEOPROBE
SPLIT SPOON

PHC = PETROLEUM HYDROCARBON ODOR

GRAPHIC COLUMN
DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN

SAA= SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

SOIL BORING LOG

PROJECT NAME:	OE Enterprises, Inc./ Phase II	BORING I.D.:	TW-7B
PROJECT NO.:	89.75321.1595	DATE(S) DRILLED:	12/8/2011
SITE LOCATION:	717 North Park Avenue Burlington, NC	DRILLING CONTR.:	Carolina Subsurface Investigations
		DRILL METHOD:	Geoprobe
		BORING DIAMETER:	2.5"
		SAMPLING METHOD/INTERVAL:	Liner
	Client: BB&T	WELL DIAMETER:	1"
LOGGED BY:	RAD	TOTAL DEPTH:	50'
		SCREEN INTERVAL:	45'-50'

DESCRIPTIVE LOG

SAMPLE INTERVAL	BLOW COUNTS	ASTM FIELD CLASSIFICATION	PID/FID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	Soil Description Based on Adjacent TW-7A Data DESCRIPTION OF MATERIAL
					1.0	Clayey SILT (saprolite), brown, organic odor. Grass at surface.
2		Dry, M Dense	0.0		2.0	
					3.0	
4		Dry, M Dense	0.0		4.0	
					5.0	Clayey SILT (saprolite), brown with yellowish white mottling, slight odor.
6		Dry, M Dense	0.3		6.0	
					7.0	Clayey SILT (saprolite), brown and white, no odor
8		Dry, Dense	0.6		8.0	
					9.0	
10		Dry, V Dense	0.2		10.0	
					11.0	
12		Dry, M Dense	0.2		12.0	
					13.0	Clayey SILT (saprolite), dark brown with white mottling
14		Dry, Loose	1.5		14.0	
					15.0	Clayey SILT (saprolite), reddish brown with heavy white wottling
16		Dry, Loose	0.8		16.0	
					17.0	
18		Dry, Loose	3.6		18.0	
					19.0	SILT (saprolite) pinkish white
20		Dry, Loose	3.7		20.0	
					21.0	SILT (saprolite) pinkish brown, heavy white mottling
22		Dry, Loose	3.0		22.0	
					23.0	SILT (saprolite) pinkish white, mineral inclusion
24	NA	Dry, Loose	3.2		24.0	
					25.0	SILT (saprolite), white, mineral inclusion
26		Dry, Loose	1.0		26.0	
					27.0	SILT (saprolite) reddish brown with white mottling
28		Dry, M Dense	2.5		28.0	
					29.0	
30		Dry, M Dense	1.6		30.0	
					31.0	SILT (saprolite) pink and white
32		Damp, Loose	3.5	▼	32.0	DTW 31.29
					33.0	
34		Damp, Loose	0.5		34.0	
			0.8		35.0	
36		Damp, Loose			36.0	
					37.0	
38		Damp, Loose			38.0	
					39.0	
40		Damp, Loose			40.0	
					41.0	Soils not screened
42			NA		42.0	
					43.0	
44					44.0	
					45.0	
46					46.0	
					47.0	
48					48.0	
					49.0	
50					50.0	Screen set from 45' to 50'

DRILLING METHOD:
BS-SPLIT SPOON
AR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
SAMPLING METHOD:
BN-BIODRIVE
SPLIT SPOON

PID = PETROLEUM HYDROCARBON ODOR

bgs= BELOW GROUND SURFACE
GRAPHIC COLUMN
DEPTH TO WATER
GROUT
BENTONITE
SAND
SCREEN
SAA= SAME AS ABOVE

ATC ASSOCIATES INC.
4020 Old Pineville Rd.
Charlotte, North Carolina 28217

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735

Case Narrative

12/20/2011

ATC Associates
Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Lab Submittal Date: 12/09/2011
Prism Work Order: 1120302

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

VP Laboratory Services

Peggy F Kendall

Reviewed By

Data Qualifiers Key Reference:

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

12/20/2011

Prism Work Order: 1120302

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
TW-1B	1120302-01	Water	12/08/11	12/09/11
TW-4A	1120302-02	Water	12/08/11	12/09/11
TW-4B	1120302-03	Water	12/08/11	12/09/11
TW-5A	1120302-04	Water	12/08/11	12/09/11
TW-5B	1120302-05	Water	12/08/11	12/09/11
TW-6A	1120302-06	Water	12/08/11	12/09/11
TW-6B	1120302-07	Water	12/08/11	12/09/11
TW-7A	1120302-08	Water	12/08/11	12/09/11
TW-7B	1120302-09	Water	12/08/11	12/09/11
TW-7A/4-6	1120302-10	Solid	12/08/11	12/09/11
TW-6A/12-16	1120302-11	Solid	12/07/11	12/09/11

Samples received in good condition at 2.1 degrees C unless otherwise noted.

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Summary of Detections

12/20/2011

Prism Work Order: 1120302

Prism ID	Client ID	Parameter	Method	Result		Units
1120302-01	TW-1B	Bromodichloromethane	8260B	4.4		ug/L
1120302-01	TW-1B	Chloroform	8260B	39		ug/L
1120302-01	TW-1B	Chloromethane	8260B	0.88		ug/L
1120302-01	TW-1B	Tetrachloroethylene	8260B	0.73		ug/L
1120302-02	TW-4A	Chloromethane	8260B	0.67		ug/L
1120302-03	TW-4B	Chloromethane	8260B	0.56		ug/L
1120302-03	TW-4B	m,p-Xylenes	8260B	0.53	J	ug/L
1120302-04	TW-5A	Chloroform	8260B	14		ug/L
1120302-04	TW-5A	Chloromethane	8260B	1.1		ug/L
1120302-04	TW-5A	Tetrachloroethylene	8260B	50		ug/L
1120302-05	TW-5B	Chloroform	8260B	3.7		ug/L
1120302-05	TW-5B	Chloromethane	8260B	0.91		ug/L
1120302-05	TW-5B	Tetrachloroethylene	8260B	17		ug/L
1120302-06	TW-6A	1,1-Dichloroethane	8260B	15		ug/L
1120302-06	TW-6A	1,1-Dichloroethylene	8260B	14		ug/L
1120302-06	TW-6A	Chloroform	8260B	110		ug/L
1120302-06	TW-6A	m,p-Xylenes	8260B	0.77	J	ug/L
1120302-06	TW-6A	Tetrachloroethylene	8260B	6.4		ug/L
1120302-06	TW-6A	Toluene	8260B	0.59		ug/L
1120302-07	TW-6B	1,1-Dichloroethane	8260B	2.6		ug/L
1120302-07	TW-6B	1,1-Dichloroethylene	8260B	2.4		ug/L
1120302-07	TW-6B	Acetone	8260B	0.73	J	ug/L
1120302-07	TW-6B	Chloroform	8260B	7.4		ug/L
1120302-07	TW-6B	Chloromethane	8260B	0.74		ug/L
1120302-07	TW-6B	m,p-Xylenes	8260B	1.2		ug/L
1120302-07	TW-6B	o-Xylene	8260B	0.50		ug/L
1120302-07	TW-6B	Tetrachloroethylene	8260B	2.0		ug/L
1120302-07	TW-6B	Toluene	8260B	1.4		ug/L
1120302-08	TW-7A	Chloroform	8260B	1.0		ug/L
1120302-08	TW-7A	Chloromethane	8260B	1.4		ug/L
1120302-08	TW-7A	Tetrachloroethylene	8260B	35		ug/L
1120302-09	TW-7B	Chloroform	8260B	2.6		ug/L
1120302-09	TW-7B	m,p-Xylenes	8260B	0.74	J	ug/L
1120302-09	TW-7B	Tetrachloroethylene	8260B	9.5		ug/L
1120302-10	TW-7A/4-6	Tetrachloroethylene	8260B	0.041		mg/kg dry

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-1B
Prism Sample ID: 1120302-01
Prism Work Order: 1120302
Time Collected: 12/08/11 19:15
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/13/11 15:17	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/13/11 15:17	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/13/11 15:17	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/13/11 15:17	MGB	P1L0300
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	12/13/11 15:17	MGB	P1L0300
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	12/13/11 15:17	MGB	P1L0300
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 15:17	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:17	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/13/11 15:17	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/13/11 15:17	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 15:17	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/13/11 15:17	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/13/11 15:17	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/13/11 15:17	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/13/11 15:17	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/13/11 15:17	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/13/11 15:17	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/13/11 15:17	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/13/11 15:17	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/13/11 15:17	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 15:17	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/13/11 15:17	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:17	MGB	P1L0300
Bromodichloromethane	**4.4**	**ug/L**	**0.50**	**0.062**	**1**	**8260B**	**12/13/11 15:17**	**MGB**	**P1L0300**
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/13/11 15:17	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/13/11 15:17	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/13/11 15:17	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 15:17	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 15:17	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:17	MGB	P1L0300
Chloroform	**39**	**ug/L**	**0.50**	**0.089**	**1**	**8260B**	**12/13/11 15:17**	**MGB**	**P1L0300**
Chloromethane	**0.88**	**ug/L**	**0.50**	**0.11**	**1**	**8260B**	**12/13/11 15:17**	**MGB**	**P1L0300**
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 15:17	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/13/11 15:17	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-1B
Prism Sample ID: 1120302-01
Prism Work Order: 1120302
Time Collected: 12/08/11 19:15
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/13/11 15:17	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:17	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 15:17	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/13/11 15:17	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/13/11 15:17	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 15:17	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 15:17	MGB	P1L0300
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 15:17	MGB	P1L0300
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/13/11 15:17	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/13/11 15:17	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/13/11 15:17	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/13/11 15:17	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/13/11 15:17	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/13/11 15:17	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 15:17	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/13/11 15:17	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/13/11 15:17	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/13/11 15:17	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/13/11 15:17	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/13/11 15:17	MGB	P1L0300
Tetrachloroethylene	**0.73**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**12/13/11 15:17**	**MGB**	**P1L0300**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	12/13/11 15:17	MGB	P1L0300
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 15:17	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 15:17	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/13/11 15:17	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/13/11 15:17	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/13/11 15:17	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/13/11 15:17	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*105 %*	*80-124*
Dibromofluoromethane	*100 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-4A
Prism Sample ID: 1120302-02
Prism Work Order: 1120302
Time Collected: 12/08/11 20:30
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/13/11 15:48	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/13/11 15:48	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/13/11 15:48	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/13/11 15:48	MGB	P1L0300
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	12/13/11 15:48	MGB	P1L0300
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	12/13/11 15:48	MGB	P1L0300
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 15:48	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:48	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/13/11 15:48	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/13/11 15:48	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 15:48	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/13/11 15:48	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/13/11 15:48	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/13/11 15:48	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/13/11 15:48	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/13/11 15:48	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/13/11 15:48	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/13/11 15:48	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/13/11 15:48	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/13/11 15:48	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 15:48	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/13/11 15:48	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:48	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/13/11 15:48	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/13/11 15:48	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/13/11 15:48	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/13/11 15:48	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 15:48	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 15:48	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:48	MGB	P1L0300
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	12/13/11 15:48	MGB	P1L0300
Chloromethane	**0.67**	**ug/L**	**0.50**	**0.11**	**1**	**8260B**	**12/13/11 15:48**	**MGB**	**P1L0300**
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 15:48	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/13/11 15:48	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-4A
Prism Sample ID: 1120302-02
Prism Work Order: 1120302
Time Collected: 12/08/11 20:30
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/13/11 15:48	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 15:48	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 15:48	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/13/11 15:48	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/13/11 15:48	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 15:48	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 15:48	MGB	P1L0300
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 15:48	MGB	P1L0300
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/13/11 15:48	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/13/11 15:48	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/13/11 15:48	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/13/11 15:48	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/13/11 15:48	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/13/11 15:48	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 15:48	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/13/11 15:48	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/13/11 15:48	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/13/11 15:48	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/13/11 15:48	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/13/11 15:48	MGB	P1L0300
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	12/13/11 15:48	MGB	P1L0300
Toluene	BRL	ug/L	0.50	0.042	1	8260B	12/13/11 15:48	MGB	P1L0300
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 15:48	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 15:48	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/13/11 15:48	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/13/11 15:48	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/13/11 15:48	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/13/11 15:48	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*104 %*	*80-124*
Dibromofluoromethane	*100 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-4B
Prism Sample ID: 1120302-03
Prism Work Order: 1120302
Time Collected: 12/08/11 18:25
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/13/11 16:18	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/13/11 16:18	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/13/11 16:18	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/13/11 16:18	MGB	P1L0300
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	12/13/11 16:18	MGB	P1L0300
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	12/13/11 16:18	MGB	P1L0300
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 16:18	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:18	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/13/11 16:18	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/13/11 16:18	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 16:18	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/13/11 16:18	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/13/11 16:18	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/13/11 16:18	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/13/11 16:18	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/13/11 16:18	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/13/11 16:18	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/13/11 16:18	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/13/11 16:18	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/13/11 16:18	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 16:18	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/13/11 16:18	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:18	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/13/11 16:18	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/13/11 16:18	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/13/11 16:18	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/13/11 16:18	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 16:18	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 16:18	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:18	MGB	P1L0300
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	12/13/11 16:18	MGB	P1L0300
Chloromethane	**0.56**	**ug/L**	**0.50**	**0.11**	**1**	**8260B**	**12/13/11 16:18**	**MGB**	**P1L0300**
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 16:18	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/13/11 16:18	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-4B
Prism Sample ID: 1120302-03
Prism Work Order: 1120302
Time Collected: 12/08/11 18:25
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/13/11 16:18	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:18	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 16:18	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/13/11 16:18	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/13/11 16:18	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 16:18	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 16:18	MGB	P1L0300
m,p-Xylenes	**0.53 J**	**ug/L**	**1.0**	**0.081**	**1**	**8260B**	**12/13/11 16:18**	**MGB**	**P1L0300**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/13/11 16:18	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/13/11 16:18	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/13/11 16:18	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/13/11 16:18	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/13/11 16:18	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/13/11 16:18	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 16:18	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/13/11 16:18	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/13/11 16:18	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/13/11 16:18	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/13/11 16:18	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/13/11 16:18	MGB	P1L0300
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	12/13/11 16:18	MGB	P1L0300
Toluene	BRL	ug/L	0.50	0.042	1	8260B	12/13/11 16:18	MGB	P1L0300
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 16:18	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 16:18	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/13/11 16:18	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/13/11 16:18	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/13/11 16:18	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/13/11 16:18	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*104 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-5A
Prism Sample ID: 1120302-04
Prism Work Order: 1120302
Time Collected: 12/08/11 20:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/13/11 16:49	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/13/11 16:49	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/13/11 16:49	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/13/11 16:49	MGB	P1L0300
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	12/13/11 16:49	MGB	P1L0300
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	12/13/11 16:49	MGB	P1L0300
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 16:49	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:49	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/13/11 16:49	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/13/11 16:49	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 16:49	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/13/11 16:49	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/13/11 16:49	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/13/11 16:49	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/13/11 16:49	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/13/11 16:49	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/13/11 16:49	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/13/11 16:49	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/13/11 16:49	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/13/11 16:49	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 16:49	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/13/11 16:49	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:49	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/13/11 16:49	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/13/11 16:49	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/13/11 16:49	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/13/11 16:49	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 16:49	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 16:49	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:49	MGB	P1L0300
Chloroform	**14**	**ug/L**	**0.50**	**0.089**	**1**	**8260B**	**12/13/11 16:49**	**MGB**	**P1L0300**
Chloromethane	**1.1**	**ug/L**	**0.50**	**0.11**	**1**	**8260B**	**12/13/11 16:49**	**MGB**	**P1L0300**
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 16:49	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/13/11 16:49	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-5A
Prism Sample ID: 1120302-04
Prism Work Order: 1120302
Time Collected: 12/08/11 20:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/13/11 16:49	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 16:49	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 16:49	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/13/11 16:49	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/13/11 16:49	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 16:49	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 16:49	MGB	P1L0300
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 16:49	MGB	P1L0300
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/13/11 16:49	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/13/11 16:49	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/13/11 16:49	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/13/11 16:49	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/13/11 16:49	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/13/11 16:49	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 16:49	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/13/11 16:49	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/13/11 16:49	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/13/11 16:49	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/13/11 16:49	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/13/11 16:49	MGB	P1L0300
Tetrachloroethylene	**50**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**12/13/11 16:49**	**MGB**	**P1L0300**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	12/13/11 16:49	MGB	P1L0300
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 16:49	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 16:49	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/13/11 16:49	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/13/11 16:49	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/13/11 16:49	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/13/11 16:49	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*103 %*	*80-124*
Dibromofluoromethane	*102 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-5B
Prism Sample ID: 1120302-05
Prism Work Order: 1120302
Time Collected: 12/08/11 20:15
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/13/11 17:19	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/13/11 17:19	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/13/11 17:19	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/13/11 17:19	MGB	P1L0300
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	12/13/11 17:19	MGB	P1L0300
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	12/13/11 17:19	MGB	P1L0300
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 17:19	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:19	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/13/11 17:19	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/13/11 17:19	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 17:19	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/13/11 17:19	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/13/11 17:19	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/13/11 17:19	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/13/11 17:19	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/13/11 17:19	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/13/11 17:19	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/13/11 17:19	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/13/11 17:19	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/13/11 17:19	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 17:19	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/13/11 17:19	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:19	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/13/11 17:19	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/13/11 17:19	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/13/11 17:19	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/13/11 17:19	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 17:19	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 17:19	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:19	MGB	P1L0300
Chloroform	**3.7**	**ug/L**	**0.50**	**0.089**	**1**	**8260B**	**12/13/11 17:19**	**MGB**	**P1L0300**
Chloromethane	**0.91**	**ug/L**	**0.50**	**0.11**	**1**	**8260B**	**12/13/11 17:19**	**MGB**	**P1L0300**
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 17:19	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/13/11 17:19	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-5B
Prism Sample ID: 1120302-05
Prism Work Order: 1120302
Time Collected: 12/08/11 20:15
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/13/11 17:19	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:19	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 17:19	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/13/11 17:19	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/13/11 17:19	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 17:19	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 17:19	MGB	P1L0300
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 17:19	MGB	P1L0300
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/13/11 17:19	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/13/11 17:19	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/13/11 17:19	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/13/11 17:19	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/13/11 17:19	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/13/11 17:19	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 17:19	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/13/11 17:19	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/13/11 17:19	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/13/11 17:19	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/13/11 17:19	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/13/11 17:19	MGB	P1L0300
Tetrachloroethylene	**17**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**12/13/11 17:19**	**MGB**	**P1L0300**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	12/13/11 17:19	MGB	P1L0300
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 17:19	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 17:19	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/13/11 17:19	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/13/11 17:19	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/13/11 17:19	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/13/11 17:19	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*105 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-6A
Prism Sample ID: 1120302-06
Prism Work Order: 1120302
Time Collected: 12/08/11 17:25
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/13/11 17:50	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/13/11 17:50	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/13/11 17:50	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/13/11 17:50	MGB	P1L0300
1,1-Dichloroethane	**15**	**ug/L**	**0.50**	**0.096**	**1**	**8260B**	**12/13/11 17:50**	**MGB**	**P1L0300**
1,1-Dichloroethylene	**14**	**ug/L**	**0.50**	**0.078**	**1**	**8260B**	**12/13/11 17:50**	**MGB**	**P1L0300**
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 17:50	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:50	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/13/11 17:50	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/13/11 17:50	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 17:50	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/13/11 17:50	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/13/11 17:50	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/13/11 17:50	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/13/11 17:50	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/13/11 17:50	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/13/11 17:50	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/13/11 17:50	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/13/11 17:50	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/13/11 17:50	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 17:50	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/13/11 17:50	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:50	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/13/11 17:50	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/13/11 17:50	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/13/11 17:50	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/13/11 17:50	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 17:50	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 17:50	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:50	MGB	P1L0300
Chloroform	**110**	**ug/L**	**5.0**	**0.89**	**10**	**8260B**	**12/14/11 9:31**	**MGB**	**P1L0300**
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 17:50	MGB	P1L0300
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 17:50	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/13/11 17:50	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-6A
Prism Sample ID: 1120302-06
Prism Work Order: 1120302
Time Collected: 12/08/11 17:25
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/13/11 17:50	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 17:50	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 17:50	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/13/11 17:50	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/13/11 17:50	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 17:50	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 17:50	MGB	P1L0300
m,p-Xylenes	**0.77 J**	**ug/L**	**1.0**	**0.081**	**1**	**8260B**	**12/13/11 17:50**	**MGB**	**P1L0300**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/13/11 17:50	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/13/11 17:50	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/13/11 17:50	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/13/11 17:50	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/13/11 17:50	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/13/11 17:50	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 17:50	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/13/11 17:50	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/13/11 17:50	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/13/11 17:50	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/13/11 17:50	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/13/11 17:50	MGB	P1L0300
Tetrachloroethylene	**6.4**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**12/13/11 17:50**	**MGB**	**P1L0300**
Toluene	**0.59**	**ug/L**	**0.50**	**0.042**	**1**	**8260B**	**12/13/11 17:50**	**MGB**	**P1L0300**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 17:50	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 17:50	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/13/11 17:50	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/13/11 17:50	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/13/11 17:50	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/13/11 17:50	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*105 %*	*80-124*
Dibromofluoromethane	*100 %*	*75-129*
Toluene-d8	*102 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-6B
Prism Sample ID: 1120302-07
Prism Work Order: 1120302
Time Collected: 12/08/11 17:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/13/11 18:21	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/13/11 18:21	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/13/11 18:21	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/13/11 18:21	MGB	P1L0300
1,1-Dichloroethane	**2.6**	**ug/L**	**0.50**	**0.096**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
1,1-Dichloroethylene	**2.4**	**ug/L**	**0.50**	**0.078**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/13/11 18:21	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 18:21	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/13/11 18:21	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/13/11 18:21	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/13/11 18:21	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/13/11 18:21	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/13/11 18:21	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/13/11 18:21	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/13/11 18:21	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/13/11 18:21	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/13/11 18:21	MGB	P1L0300
Acetone	**0.73 J**	**ug/L**	**5.0**	**0.62**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/13/11 18:21	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/13/11 18:21	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 18:21	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/13/11 18:21	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 18:21	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/13/11 18:21	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/13/11 18:21	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/13/11 18:21	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/13/11 18:21	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 18:21	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/13/11 18:21	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 18:21	MGB	P1L0300
Chloroform	**7.4**	**ug/L**	**0.50**	**0.089**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
Chloromethane	**0.74**	**ug/L**	**0.50**	**0.11**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/13/11 18:21	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/13/11 18:21	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-6B
Prism Sample ID: 1120302-07
Prism Work Order: 1120302
Time Collected: 12/08/11 17:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/13/11 18:21	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/13/11 18:21	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 18:21	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/13/11 18:21	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/13/11 18:21	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 18:21	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/13/11 18:21	MGB	P1L0300
m,p-Xylenes	**1.2**	**ug/L**	**1.0**	**0.081**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/13/11 18:21	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/13/11 18:21	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/13/11 18:21	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/13/11 18:21	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/13/11 18:21	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/13/11 18:21	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/13/11 18:21	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/13/11 18:21	MGB	P1L0300
o-Xylene	**0.50**	**ug/L**	**0.50**	**0.046**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/13/11 18:21	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/13/11 18:21	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/13/11 18:21	MGB	P1L0300
Tetrachloroethylene	**2.0**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
Toluene	**1.4**	**ug/L**	**0.50**	**0.042**	**1**	**8260B**	**12/13/11 18:21**	**MGB**	**P1L0300**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/13/11 18:21	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/13/11 18:21	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/13/11 18:21	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/13/11 18:21	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/13/11 18:21	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/13/11 18:21	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*104 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*101 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-7A
Prism Sample ID: 1120302-08
Prism Work Order: 1120302
Time Collected: 12/08/11 19:05
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/14/11 10:01	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/14/11 10:01	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/14/11 10:01	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/14/11 10:01	MGB	P1L0300
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	12/14/11 10:01	MGB	P1L0300
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	12/14/11 10:01	MGB	P1L0300
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/14/11 10:01	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:01	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/14/11 10:01	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/14/11 10:01	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/14/11 10:01	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/14/11 10:01	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/14/11 10:01	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/14/11 10:01	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/14/11 10:01	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/14/11 10:01	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/14/11 10:01	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/14/11 10:01	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/14/11 10:01	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/14/11 10:01	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/14/11 10:01	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/14/11 10:01	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:01	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/14/11 10:01	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/14/11 10:01	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/14/11 10:01	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/14/11 10:01	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/14/11 10:01	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/14/11 10:01	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:01	MGB	P1L0300
Chloroform	**1.0**	**ug/L**	**0.50**	**0.089**	**1**	**8260B**	**12/14/11 10:01**	**MGB**	**P1L0300**
Chloromethane	**1.4**	**ug/L**	**0.50**	**0.11**	**1**	**8260B**	**12/14/11 10:01**	**MGB**	**P1L0300**
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/14/11 10:01	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/14/11 10:01	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-7A
Prism Sample ID: 1120302-08
Prism Work Order: 1120302
Time Collected: 12/08/11 19:05
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/14/11 10:01	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:01	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/14/11 10:01	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/14/11 10:01	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/14/11 10:01	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/14/11 10:01	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/14/11 10:01	MGB	P1L0300
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	12/14/11 10:01	MGB	P1L0300
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/14/11 10:01	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/14/11 10:01	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/14/11 10:01	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/14/11 10:01	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/14/11 10:01	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/14/11 10:01	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/14/11 10:01	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/14/11 10:01	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/14/11 10:01	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/14/11 10:01	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/14/11 10:01	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/14/11 10:01	MGB	P1L0300
Tetrachloroethylene	**35**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**12/14/11 10:01**	**MGB**	**P1L0300**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	12/14/11 10:01	MGB	P1L0300
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/14/11 10:01	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/14/11 10:01	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/14/11 10:01	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/14/11 10:01	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/14/11 10:01	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/14/11 10:01	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*105 %*	*80-124*
Dibromofluoromethane	*98 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-7B
Prism Sample ID: 1120302-09
Prism Work Order: 1120302
Time Collected: 12/08/11 19:35
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	12/14/11 10:32	MGB	P1L0300
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	12/14/11 10:32	MGB	P1L0300
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	12/14/11 10:32	MGB	P1L0300
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	12/14/11 10:32	MGB	P1L0300
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	12/14/11 10:32	MGB	P1L0300
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	12/14/11 10:32	MGB	P1L0300
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	12/14/11 10:32	MGB	P1L0300
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:32	MGB	P1L0300
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	12/14/11 10:32	MGB	P1L0300
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	12/14/11 10:32	MGB	P1L0300
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	12/14/11 10:32	MGB	P1L0300
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	12/14/11 10:32	MGB	P1L0300
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	12/14/11 10:32	MGB	P1L0300
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	12/14/11 10:32	MGB	P1L0300
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	12/14/11 10:32	MGB	P1L0300
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	12/14/11 10:32	MGB	P1L0300
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	12/14/11 10:32	MGB	P1L0300
Acetone	BRL	ug/L	5.0	0.62	1	8260B	12/14/11 10:32	MGB	P1L0300
Acrolein	BRL	ug/L	20	1.1	1	8260B	12/14/11 10:32	MGB	P1L0300
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	12/14/11 10:32	MGB	P1L0300
Benzene	BRL	ug/L	0.50	0.072	1	8260B	12/14/11 10:32	MGB	P1L0300
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	12/14/11 10:32	MGB	P1L0300
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:32	MGB	P1L0300
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	12/14/11 10:32	MGB	P1L0300
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	12/14/11 10:32	MGB	P1L0300
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	12/14/11 10:32	MGB	P1L0300
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	12/14/11 10:32	MGB	P1L0300
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	12/14/11 10:32	MGB	P1L0300
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	12/14/11 10:32	MGB	P1L0300
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:32	MGB	P1L0300
Chloroform	**2.6**	**ug/L**	**0.50**	**0.089**	**1**	**8260B**	**12/14/11 10:32**	**MGB**	**P1L0300**
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	12/14/11 10:32	MGB	P1L0300
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	12/14/11 10:32	MGB	P1L0300
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	12/14/11 10:32	MGB	P1L0300

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Water

Client Sample ID: TW-7B
Prism Sample ID: 1120302-09
Prism Work Order: 1120302
Time Collected: 12/08/11 19:35
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	12/14/11 10:32	MGB	P1L0300
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	12/14/11 10:32	MGB	P1L0300
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	12/14/11 10:32	MGB	P1L0300
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	12/14/11 10:32	MGB	P1L0300
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	12/14/11 10:32	MGB	P1L0300
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	12/14/11 10:32	MGB	P1L0300
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	12/14/11 10:32	MGB	P1L0300
m,p-Xylenes	**0.74 J**	**ug/L**	**1.0**	**0.081**	**1**	**8260B**	**12/14/11 10:32**	**MGB**	**P1L0300**
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	12/14/11 10:32	MGB	P1L0300
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	12/14/11 10:32	MGB	P1L0300
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	12/14/11 10:32	MGB	P1L0300
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	12/14/11 10:32	MGB	P1L0300
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	12/14/11 10:32	MGB	P1L0300
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	12/14/11 10:32	MGB	P1L0300
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	12/14/11 10:32	MGB	P1L0300
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	12/14/11 10:32	MGB	P1L0300
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	12/14/11 10:32	MGB	P1L0300
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	12/14/11 10:32	MGB	P1L0300
Styrene	BRL	ug/L	0.50	0.047	1	8260B	12/14/11 10:32	MGB	P1L0300
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	12/14/11 10:32	MGB	P1L0300
Tetrachloroethylene	**9.5**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**12/14/11 10:32**	**MGB**	**P1L0300**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	12/14/11 10:32	MGB	P1L0300
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	12/14/11 10:32	MGB	P1L0300
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	12/14/11 10:32	MGB	P1L0300
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	12/14/11 10:32	MGB	P1L0300
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	12/14/11 10:32	MGB	P1L0300
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	12/14/11 10:32	MGB	P1L0300
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	12/14/11 10:32	MGB	P1L0300

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*104 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Solid

Client Sample ID: TW-7A/4-6
Prism Sample ID: 1120302-10
Prism Work Order: 1120302
Time Collected: 12/08/11 13:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**79.8**	**% by Weight**	**0.100**	**0.100**	**1**	**SM2540 G**	**12/14/11 15:15**	**MJO**	**P1L0352**
Volatile Organic Compounds by GC/MS									
1,1,1-Trichloroethane	BRL	mg/kg dry	0.0051	0.00017	1	8260B	12/12/11 19:01	VHL	P1L0288
1,1,2,2-Tetrachloroethane	BRL	mg/kg dry	0.0051	0.00084	1	8260B	12/12/11 19:01	VHL	P1L0288
1,1,2-Trichloroethane	BRL	mg/kg dry	0.0051	0.00043	1	8260B	12/12/11 19:01	VHL	P1L0288
1,1-Dichloroethane	BRL	mg/kg dry	0.0051	0.00043	1	8260B	12/12/11 19:01	VHL	P1L0288
1,1-Dichloroethylene	BRL	mg/kg dry	0.0051	0.00031	1	8260B	12/12/11 19:01	VHL	P1L0288
1,1-Dichloropropylene	BRL	mg/kg dry	0.0051	0.00054	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2,3-Trichlorobenzene	BRL	mg/kg dry	0.0051	0.00038	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2,3-Trichloropropane	BRL	mg/kg dry	0.0051	0.00077	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2,4-Trichlorobenzene	BRL	mg/kg dry	0.0051	0.00030	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2,4-Trimethylbenzene	BRL	mg/kg dry	0.0051	0.0010	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2-Dibromoethane	BRL	mg/kg dry	0.0051	0.00058	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2-Dichlorobenzene	BRL	mg/kg dry	0.0051	0.00023	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2-Dichloroethane	BRL	mg/kg dry	0.0051	0.00082	1	8260B	12/12/11 19:01	VHL	P1L0288
1,2-Dichloropropane	BRL	mg/kg dry	0.0051	0.00032	1	8260B	12/12/11 19:01	VHL	P1L0288
1,3,5-Trimethylbenzene	BRL	mg/kg dry	0.0051	0.00024	1	8260B	12/12/11 19:01	VHL	P1L0288
1,3-Dichlorobenzene	BRL	mg/kg dry	0.0051	0.000070	1	8260B	12/12/11 19:01	VHL	P1L0288
1,3-Dichloropropane	BRL	mg/kg dry	0.0051	0.00055	1	8260B	12/12/11 19:01	VHL	P1L0288
1,4-Dichlorobenzene	BRL	mg/kg dry	0.0051	0.00037	1	8260B	12/12/11 19:01	VHL	P1L0288
2,2-Dichloropropane	BRL	mg/kg dry	0.0051	0.00032	1	8260B	12/12/11 19:01	VHL	P1L0288
2-Chlorotoluene	BRL	mg/kg dry	0.0051	0.00031	1	8260B	12/12/11 19:01	VHL	P1L0288
4-Chlorotoluene	BRL	mg/kg dry	0.0051	0.00024	1	8260B	12/12/11 19:01	VHL	P1L0288
4-Isopropyltoluene	BRL	mg/kg dry	0.0051	0.00032	1	8260B	12/12/11 19:01	VHL	P1L0288
Acetone	BRL	mg/kg dry	0.051	0.0027	1	8260B	12/12/11 19:01	VHL	P1L0288
Benzene	BRL	mg/kg dry	0.0030	0.00031	1	8260B	12/12/11 19:01	VHL	P1L0288
Bromobenzene	BRL	mg/kg dry	0.0051	0.00022	1	8260B	12/12/11 19:01	VHL	P1L0288
Bromochloromethane	BRL	mg/kg dry	0.0051	0.00074	1	8260B	12/12/11 19:01	VHL	P1L0288
Bromodichloromethane	BRL	mg/kg dry	0.0051	0.00023	1	8260B	12/12/11 19:01	VHL	P1L0288
Bromoform	BRL	mg/kg dry	0.0051	0.00090	1	8260B	12/12/11 19:01	VHL	P1L0288
Bromomethane	BRL	mg/kg dry	0.010	0.0014	1	8260B	12/12/11 19:01	VHL	P1L0288
Carbon Tetrachloride	BRL	mg/kg dry	0.0051	0.00028	1	8260B	12/12/11 19:01	VHL	P1L0288
Chlorobenzene	BRL	mg/kg dry	0.0051	0.00024	1	8260B	12/12/11 19:01	VHL	P1L0288
Chloroethane	BRL	mg/kg dry	0.010	0.0039	1	8260B	12/12/11 19:01	VHL	P1L0288
Chloroform	BRL	mg/kg dry	0.0051	0.00021	1	8260B	12/12/11 19:01	VHL	P1L0288
Chloromethane	BRL	mg/kg dry	0.0051	0.0026	1	8260B	12/12/11 19:01	VHL	P1L0288
cis-1,2-Dichloroethylene	BRL	mg/kg dry	0.0051	0.00041	1	8260B	12/12/11 19:01	VHL	P1L0288
cis-1,3-Dichloropropylene	BRL	mg/kg dry	0.0051	0.00025	1	8260B	12/12/11 19:01	VHL	P1L0288
Dibromochloromethane	BRL	mg/kg dry	0.0051	0.00035	1	8260B	12/12/11 19:01	VHL	P1L0288
Dichlorodifluoromethane	BRL	mg/kg dry	0.0051	0.00054	1	8260B	12/12/11 19:01	VHL	P1L0288
Ethylbenzene	BRL	mg/kg dry	0.0051	0.00033	1	8260B	12/12/11 19:01	VHL	P1L0288

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Solid

Client Sample ID: TW-7A/4-6
Prism Sample ID: 1120302-10
Prism Work Order: 1120302
Time Collected: 12/08/11 13:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl Ether	BRL	mg/kg dry	0.0051	0.00022	1	8260B	12/12/11 19:01	VHL	P1L0288
Isopropylbenzene (Cumene)	BRL	mg/kg dry	0.0051	0.00025	1	8260B	12/12/11 19:01	VHL	P1L0288
m,p-Xylenes	BRL	mg/kg dry	0.010	0.00065	1	8260B	12/12/11 19:01	VHL	P1L0288
Methyl Butyl Ketone (2-Hexanone)	BRL	mg/kg dry	0.051	0.0010	1	8260B	12/12/11 19:01	VHL	P1L0288
Methyl Ethyl Ketone (2-Butanone)	BRL	mg/kg dry	0.10	0.0018	1	8260B	12/12/11 19:01	VHL	P1L0288
Methyl Isobutyl Ketone	BRL	mg/kg dry	0.051	0.0013	1	8260B	12/12/11 19:01	VHL	P1L0288
Methylene Chloride	BRL	mg/kg dry	0.0051	0.00037	1	8260B	12/12/11 19:01	VHL	P1L0288
Methyl-tert-Butyl Ether	BRL	mg/kg dry	0.010	0.00039	1	8260B	12/12/11 19:01	VHL	P1L0288
Naphthalene	BRL	mg/kg dry	0.010	0.00037	1	8260B	12/12/11 19:01	VHL	P1L0288
n-Butylbenzene	BRL	mg/kg dry	0.0051	0.00022	1	8260B	12/12/11 19:01	VHL	P1L0288
n-Propylbenzene	BRL	mg/kg dry	0.0051	0.00029	1	8260B	12/12/11 19:01	VHL	P1L0288
o-Xylene	BRL	mg/kg dry	0.0051	0.00032	1	8260B	12/12/11 19:01	VHL	P1L0288
sec-Butylbenzene	BRL	mg/kg dry	0.0051	0.00021	1	8260B	12/12/11 19:01	VHL	P1L0288
Styrene	BRL	mg/kg dry	0.0051	0.00022	1	8260B	12/12/11 19:01	VHL	P1L0288
tert-Butylbenzene	BRL	mg/kg dry	0.0051	0.00026	1	8260B	12/12/11 19:01	VHL	P1L0288
Tetrachloroethylene	**0.041**	**mg/kg dry**	**0.0051**	**0.00035**	**1**	**8260B**	**12/12/11 19:01**	**VHL**	**P1L0288**
Toluene	BRL	mg/kg dry	0.0051	0.00030	1	8260B	12/12/11 19:01	VHL	P1L0288
trans-1,2-Dichloroethylene	BRL	mg/kg dry	0.0051	0.00059	1	8260B	12/12/11 19:01	VHL	P1L0288
trans-1,3-Dichloropropylene	BRL	mg/kg dry	0.0051	0.00024	1	8260B	12/12/11 19:01	VHL	P1L0288
Trichloroethylene	BRL	mg/kg dry	0.0051	0.00047	1	8260B	12/12/11 19:01	VHL	P1L0288
Trichlorofluoromethane	BRL	mg/kg dry	0.0051	0.00041	1	8260B	12/12/11 19:01	VHL	P1L0288
Vinyl acetate	BRL	mg/kg dry	0.025	0.0014	1	8260B	12/12/11 19:01	VHL	P1L0288
Vinyl chloride	BRL	mg/kg dry	0.0051	0.00066	1	8260B	12/12/11 19:01	VHL	P1L0288
Xylenes, total	BRL	mg/kg dry	0.015	0.00095	1	8260B	12/12/11 19:01	VHL	P1L0288

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*120 %*	*70-130*
Dibromofluoromethane	*107 %*	*84-123*
Toluene-d8	*83 %*	*76-129*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Solid

Client Sample ID: TW-6A/12-16
Prism Sample ID: 1120302-11
Prism Work Order: 1120302
Time Collected: 12/07/11 17:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**77.3**	**% by Weight**	**0.100**	**0.100**	**1**	**SM2540 G**	**12/14/11 15:15**	**MJO**	**P1L0352**
Volatile Organic Compounds by GC/MS									
1,1,1-Trichloroethane	BRL	mg/kg dry	0.0053	0.00017	1	8260B	12/12/11 19:34	VHL	P1L0288
1,1,2,2-Tetrachloroethane	BRL	mg/kg dry	0.0053	0.00087	1	8260B	12/12/11 19:34	VHL	P1L0288
1,1,2-Trichloroethane	BRL	mg/kg dry	0.0053	0.00045	1	8260B	12/12/11 19:34	VHL	P1L0288
1,1-Dichloroethane	BRL	mg/kg dry	0.0053	0.00045	1	8260B	12/12/11 19:34	VHL	P1L0288
1,1-Dichloroethylene	BRL	mg/kg dry	0.0053	0.00032	1	8260B	12/12/11 19:34	VHL	P1L0288
1,1-Dichloropropylene	BRL	mg/kg dry	0.0053	0.00056	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2,3-Trichlorobenzene	BRL	mg/kg dry	0.0053	0.00039	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2,3-Trichloropropane	BRL	mg/kg dry	0.0053	0.00080	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2,4-Trichlorobenzene	BRL	mg/kg dry	0.0053	0.00031	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2,4-Trimethylbenzene	BRL	mg/kg dry	0.0053	0.0010	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2-Dibromoethane	BRL	mg/kg dry	0.0053	0.00061	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2-Dichlorobenzene	BRL	mg/kg dry	0.0053	0.00024	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2-Dichloroethane	BRL	mg/kg dry	0.0053	0.00085	1	8260B	12/12/11 19:34	VHL	P1L0288
1,2-Dichloropropane	BRL	mg/kg dry	0.0053	0.00033	1	8260B	12/12/11 19:34	VHL	P1L0288
1,3,5-Trimethylbenzene	BRL	mg/kg dry	0.0053	0.00025	1	8260B	12/12/11 19:34	VHL	P1L0288
1,3-Dichlorobenzene	BRL	mg/kg dry	0.0053	0.000073	1	8260B	12/12/11 19:34	VHL	P1L0288
1,3-Dichloropropane	BRL	mg/kg dry	0.0053	0.00057	1	8260B	12/12/11 19:34	VHL	P1L0288
1,4-Dichlorobenzene	BRL	mg/kg dry	0.0053	0.00039	1	8260B	12/12/11 19:34	VHL	P1L0288
2,2-Dichloropropane	BRL	mg/kg dry	0.0053	0.00033	1	8260B	12/12/11 19:34	VHL	P1L0288
2-Chlorotoluene	BRL	mg/kg dry	0.0053	0.00032	1	8260B	12/12/11 19:34	VHL	P1L0288
4-Chlorotoluene	BRL	mg/kg dry	0.0053	0.00025	1	8260B	12/12/11 19:34	VHL	P1L0288
4-Isopropyltoluene	BRL	mg/kg dry	0.0053	0.00033	1	8260B	12/12/11 19:34	VHL	P1L0288
Acetone	BRL	mg/kg dry	0.053	0.0028	1	8260B	12/12/11 19:34	VHL	P1L0288
Benzene	BRL	mg/kg dry	0.0032	0.00032	1	8260B	12/12/11 19:34	VHL	P1L0288
Bromobenzene	BRL	mg/kg dry	0.0053	0.00022	1	8260B	12/12/11 19:34	VHL	P1L0288
Bromochloromethane	BRL	mg/kg dry	0.0053	0.00077	1	8260B	12/12/11 19:34	VHL	P1L0288
Bromodichloromethane	BRL	mg/kg dry	0.0053	0.00024	1	8260B	12/12/11 19:34	VHL	P1L0288
Bromoform	BRL	mg/kg dry	0.0053	0.00093	1	8260B	12/12/11 19:34	VHL	P1L0288
Bromomethane	BRL	mg/kg dry	0.011	0.0015	1	8260B	12/12/11 19:34	VHL	P1L0288
Carbon Tetrachloride	BRL	mg/kg dry	0.0053	0.00029	1	8260B	12/12/11 19:34	VHL	P1L0288
Chlorobenzene	BRL	mg/kg dry	0.0053	0.00025	1	8260B	12/12/11 19:34	VHL	P1L0288
Chloroethane	BRL	mg/kg dry	0.011	0.0040	1	8260B	12/12/11 19:34	VHL	P1L0288
Chloroform	BRL	mg/kg dry	0.0053	0.00022	1	8260B	12/12/11 19:34	VHL	P1L0288
Chloromethane	BRL	mg/kg dry	0.0053	0.0027	1	8260B	12/12/11 19:34	VHL	P1L0288
cis-1,2-Dichloroethylene	BRL	mg/kg dry	0.0053	0.00043	1	8260B	12/12/11 19:34	VHL	P1L0288
cis-1,3-Dichloropropylene	BRL	mg/kg dry	0.0053	0.00026	1	8260B	12/12/11 19:34	VHL	P1L0288
Dibromochloromethane	BRL	mg/kg dry	0.0053	0.00036	1	8260B	12/12/11 19:34	VHL	P1L0288
Dichlorodifluoromethane	BRL	mg/kg dry	0.0053	0.00057	1	8260B	12/12/11 19:34	VHL	P1L0288
Ethylbenzene	BRL	mg/kg dry	0.0053	0.00034	1	8260B	12/12/11 19:34	VHL	P1L0288

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Sample Matrix: Solid

Client Sample ID: TW-6A/12-16
Prism Sample ID: 1120302-11
Prism Work Order: 1120302
Time Collected: 12/07/11 17:00
Time Submitted: 12/09/11 10:55

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl Ether	BRL	mg/kg dry	0.0053	0.00023	1	8260B	12/12/11 19:34	VHL	P1L0288
Isopropylbenzene (Cumene)	BRL	mg/kg dry	0.0053	0.00026	1	8260B	12/12/11 19:34	VHL	P1L0288
m,p-Xylenes	BRL	mg/kg dry	0.011	0.00068	1	8260B	12/12/11 19:34	VHL	P1L0288
Methyl Butyl Ketone (2-Hexanone)	BRL	mg/kg dry	0.053	0.0011	1	8260B	12/12/11 19:34	VHL	P1L0288
Methyl Ethyl Ketone (2-Butanone)	BRL	mg/kg dry	0.11	0.0019	1	8260B	12/12/11 19:34	VHL	P1L0288
Methyl Isobutyl Ketone	BRL	mg/kg dry	0.053	0.0014	1	8260B	12/12/11 19:34	VHL	P1L0288
Methylene Chloride	BRL	mg/kg dry	0.0053	0.00038	1	8260B	12/12/11 19:34	VHL	P1L0288
Methyl-tert-Butyl Ether	BRL	mg/kg dry	0.011	0.00041	1	8260B	12/12/11 19:34	VHL	P1L0288
Naphthalene	BRL	mg/kg dry	0.011	0.00039	1	8260B	12/12/11 19:34	VHL	P1L0288
n-Butylbenzene	BRL	mg/kg dry	0.0053	0.00023	1	8260B	12/12/11 19:34	VHL	P1L0288
n-Propylbenzene	BRL	mg/kg dry	0.0053	0.00030	1	8260B	12/12/11 19:34	VHL	P1L0288
o-Xylene	BRL	mg/kg dry	0.0053	0.00033	1	8260B	12/12/11 19:34	VHL	P1L0288
sec-Butylbenzene	BRL	mg/kg dry	0.0053	0.00021	1	8260B	12/12/11 19:34	VHL	P1L0288
Styrene	BRL	mg/kg dry	0.0053	0.00023	1	8260B	12/12/11 19:34	VHL	P1L0288
tert-Butylbenzene	BRL	mg/kg dry	0.0053	0.00027	1	8260B	12/12/11 19:34	VHL	P1L0288
Tetrachloroethylene	BRL	mg/kg dry	0.0053	0.00037	1	8260B	12/12/11 19:34	VHL	P1L0288
Toluene	BRL	mg/kg dry	0.0053	0.00031	1	8260B	12/12/11 19:34	VHL	P1L0288
trans-1,2-Dichloroethylene	BRL	mg/kg dry	0.0053	0.00061	1	8260B	12/12/11 19:34	VHL	P1L0288
trans-1,3-Dichloropropylene	BRL	mg/kg dry	0.0053	0.00025	1	8260B	12/12/11 19:34	VHL	P1L0288
Trichloroethylene	BRL	mg/kg dry	0.0053	0.00049	1	8260B	12/12/11 19:34	VHL	P1L0288
Trichlorofluoromethane	BRL	mg/kg dry	0.0053	0.00043	1	8260B	12/12/11 19:34	VHL	P1L0288
Vinyl acetate	BRL	mg/kg dry	0.026	0.0015	1	8260B	12/12/11 19:34	VHL	P1L0288
Vinyl chloride	BRL	mg/kg dry	0.0053	0.00068	1	8260B	12/12/11 19:34	VHL	P1L0288
Xylenes, total	BRL	mg/kg dry	0.016	0.00099	1	8260B	12/12/11 19:34	VHL	P1L0288

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*106 %*	*70-130*
Dibromofluoromethane	*104 %*	*84-123*
Toluene-d8	*94 %*	*76-129*

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Prism Work Order: 1120302
Time Submitted: 12/9/2011 10:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L0288 - 5035										
Blank (P1L0288-BLK1)				Prepared & Analyzed: 12/12/11						
1,1,1-Trichloroethane	BRL	0.0050	mg/kg wet							
1,1,2,2-Tetrachloroethane	BRL	0.0050	mg/kg wet							
1,1,2-Trichloroethane	BRL	0.0050	mg/kg wet							
1,1-Dichloroethane	BRL	0.0050	mg/kg wet							
1,1-Dichloroethylene	BRL	0.0050	mg/kg wet							
1,1-Dichloropropylene	BRL	0.0050	mg/kg wet							
1,2,3-Trichlorobenzene	BRL	0.0050	mg/kg wet							
1,2,3-Trichloropropane	BRL	0.0050	mg/kg wet							
1,2,4-Trichlorobenzene	BRL	0.0050	mg/kg wet							
1,2,4-Trimethylbenzene	BRL	0.0050	mg/kg wet							
1,2-Dibromoethane	BRL	0.0050	mg/kg wet							
1,2-Dichlorobenzene	BRL	0.0050	mg/kg wet							
1,2-Dichloroethane	BRL	0.0050	mg/kg wet							
1,2-Dichloropropane	BRL	0.0050	mg/kg wet							
1,3,5-Trimethylbenzene	BRL	0.0050	mg/kg wet							
1,3-Dichlorobenzene	BRL	0.0050	mg/kg wet							
1,3-Dichloropropane	BRL	0.0050	mg/kg wet							
1,4-Dichlorobenzene	BRL	0.0050	mg/kg wet							
2,2-Dichloropropane	BRL	0.0050	mg/kg wet							
2-Chlorotoluene	BRL	0.0050	mg/kg wet							
4-Chlorotoluene	BRL	0.0050	mg/kg wet							
4-Isopropyltoluene	BRL	0.0050	mg/kg wet							
Acetone	BRL	0.050	mg/kg wet							
Benzene	BRL	0.0030	mg/kg wet							
Bromobenzene	BRL	0.0050	mg/kg wet							
Bromochloromethane	BRL	0.0050	mg/kg wet							
Bromodichloromethane	BRL	0.0050	mg/kg wet							
Bromoform	BRL	0.0050	mg/kg wet							
Bromomethane	BRL	0.010	mg/kg wet							
Carbon Tetrachloride	BRL	0.0050	mg/kg wet							
Chlorobenzene	BRL	0.0050	mg/kg wet							
Chloroethane	BRL	0.010	mg/kg wet							
Chloroform	BRL	0.0050	mg/kg wet							
Chloromethane	BRL	0.0050	mg/kg wet							
cis-1,2-Dichloroethylene	BRL	0.0050	mg/kg wet							
cis-1,3-Dichloropropylene	BRL	0.0050	mg/kg wet							
Dibromochloromethane	BRL	0.0050	mg/kg wet							
Dichlorodifluoromethane	BRL	0.0050	mg/kg wet							
Ethylbenzene	BRL	0.0050	mg/kg wet							
Isopropyl Ether	BRL	0.0050	mg/kg wet							
Isopropylbenzene (Cumene)	BRL	0.0050	mg/kg wet							
m,p-Xylenes	BRL	0.010	mg/kg wet							
Methyl Butyl Ketone (2-Hexanone)	BRL	0.050	mg/kg wet							
Methyl Ethyl Ketone (2-Butanone)	BRL	0.10	mg/kg wet							
Methyl Isobutyl Ketone	BRL	0.050	mg/kg wet							
Methylene Chloride	BRL	0.0050	mg/kg wet							

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Prism Work Order: 1120302
Time Submitted: 12/9/2011 10:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L0288 - 5035										
Blank (P1L0288-BLK1)				Prepared & Analyzed: 12/12/11						
Methyl-tert-Butyl Ether	BRL	0.010	mg/kg wet							
Naphthalene	BRL	0.010	mg/kg wet							
n-Butylbenzene	BRL	0.0050	mg/kg wet							
n-Propylbenzene	BRL	0.0050	mg/kg wet							
o-Xylene	BRL	0.0050	mg/kg wet							
sec-Butylbenzene	BRL	0.0050	mg/kg wet							
Styrene	BRL	0.0050	mg/kg wet							
tert-Butylbenzene	BRL	0.0050	mg/kg wet							
Tetrachloroethylene	BRL	0.0050	mg/kg wet							
Toluene	BRL	0.0050	mg/kg wet							
trans-1,2-Dichloroethylene	BRL	0.0050	mg/kg wet							
trans-1,3-Dichloropropylene	BRL	0.0050	mg/kg wet							
Trichloroethylene	BRL	0.0050	mg/kg wet							
Trichlorofluoromethane	BRL	0.0050	mg/kg wet							
Vinyl acetate	BRL	0.025	mg/kg wet							
Vinyl chloride	BRL	0.0050	mg/kg wet							
Xylenes, total	BRL	0.015	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*0.0541*		*mg/kg wet*	*0.05000*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0526*		*mg/kg wet*	*0.05000*		*105*	*84-123*			
Surrogate: Toluene-d8	*0.0490*		*mg/kg wet*	*0.05000*		*98*	*76-129*			
LCS (P1L0288-BS1)				Prepared & Analyzed: 12/12/11						
1,1-Dichloroethylene	0.0552	0.0050	mg/kg wet	0.05000		110	67-149			
Benzene	0.0489	0.0030	mg/kg wet	0.05000		98	74-127			
Chlorobenzene	0.0507	0.0050	mg/kg wet	0.05000		101	74-118			
Toluene	0.0528	0.0050	mg/kg wet	0.05000		106	71-129			
Trichloroethylene	0.0525	0.0050	mg/kg wet	0.05000		105	75-133			
Surrogate: 4-Bromofluorobenzene	*0.0462*		*mg/kg wet*	*0.05000*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0542*		*mg/kg wet*	*0.05000*		*108*	*84-123*			
Surrogate: Toluene-d8	*0.0469*		*mg/kg wet*	*0.05000*		*94*	*76-129*			

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Prism Work Order: 1120302
Time Submitted: 12/9/2011 10:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L0288 - 5035										
LCS Dup (P1L0288-BSD1)				Prepared & Analyzed: 12/12/11						
1,1-Dichloroethylene	0.0543	0.0050	mg/kg wet	0.05000		109	67-149	2	200	
Benzene	0.0505	0.0030	mg/kg wet	0.05000		101	74-127	3	200	
Chlorobenzene	0.0501	0.0050	mg/kg wet	0.05000		100	74-118	1	200	
Toluene	0.0533	0.0050	mg/kg wet	0.05000		107	71-129	0.9	200	
Trichloroethylene	0.0555	0.0050	mg/kg wet	0.05000		111	75-133	6	200	
Surrogate: 4-Bromofluorobenzene	*0.0476*		*mg/kg wet*	*0.05000*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0515*		*mg/kg wet*	*0.05000*		*103*	*84-123*			
Surrogate: Toluene-d8	*0.0454*		*mg/kg wet*	*0.05000*		*91*	*76-129*			
Batch P1L0300 - 5030B										
Blank (P1L0300-BLK1)				Prepared & Analyzed: 12/13/11						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Prism Work Order: 1120302
Time Submitted: 12/9/2011 10:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L0300 - 5030B										
Blank (P1L0300-BLK1)				Prepared & Analyzed: 12/13/11						
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*26.0*		*ug/L*	*25.00*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*75-129*			
Surrogate: Toluene-d8	*24.8*		*ug/L*	*25.00*		*99*	*77-123*			

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ATC Associates
Attn: Andrew Deppensmith
4020 Old Pineville Road
Charlotte, NC 28217

Project: OE Enterprises/Phase II

Prism Work Order: 1120302
Time Submitted: 12/9/2011 10:55:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L0300 - 5030B										
LCS (P1L0300-BS1)				Prepared & Analyzed: 12/13/11						
1,1-Dichloroethylene	20.2	0.50	ug/L	20.00		101	70-154			
Benzene	21.2	0.50	ug/L	20.00		106	77-128			
Chlorobenzene	19.8	0.50	ug/L	20.00		99	78-119			
Toluene	21.6	0.50	ug/L	20.00		108	76-131			
Trichloroethylene	21.7	0.50	ug/L	20.00		108	77-133			
Surrogate: 4-Bromofluorobenzene	*24.5*		*ug/L*	*25.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*25.0*		*ug/L*	*25.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*77-123*			
LCS Dup (P1L0300-BSD1)				Prepared & Analyzed: 12/13/11						
1,1-Dichloroethylene	20.0	0.50	ug/L	20.00		100	70-154	0.8	200	
Benzene	20.7	0.50	ug/L	20.00		103	77-128	3	200	
Chlorobenzene	19.5	0.50	ug/L	20.00		98	78-119	1	200	
Toluene	20.9	0.50	ug/L	20.00		104	76-131	4	200	
Trichloroethylene	21.2	0.50	ug/L	20.00		106	77-133	2	200	
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/L*	*25.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*24.8*		*ug/L*	*25.00*		*99*	*75-129*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*77-123*			

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sociates
ndrew Deppensmith
/ Old Pineville Road
arlotte, NC 28217

Project: OE Enterprises/Phase II

Prism Work Order: 1120302
Time Submitted: 12/9/2011 10:55:00AM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1L0352 - NO PREP										
Blank (P1L0352-BLK1)										
% Solids	100	0.100	% by Weight	Prepared & Analyzed: 12/14/11						

Sample Extraction Data

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
1120302-01	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-02	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-03	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-04	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-05	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-06	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-06	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-07	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-08	P1L0300	10 mL	10 mL	12/13/11 10:41
1120302-09	P1L0300	10 mL	10 mL	12/13/11 10:41

Prep Method: 5035

Lab Number	Batch	Initial	Final	Date/Time
1120302-10	P1L0288	6.17 g	5 mL	12/12/11 7:55
1120302-11	P1L0288	6.13 g	5 mL	12/12/11 7:55

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CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: ATC Associates
Report To/Contact Name: Andrew Deppensmith
Reporting Address: 4020 Old Pineville
Charlotte NC 28217
Phone: (704) 529-3200 Fax (Yes) (No):
Email (Yes) (No) Email Address andrew.deppensmith@atcassociates.com
EDD Type: PDF ✓ Excel ___ Other ___
Site Location Name: OE Enterprises
Site Location Physical Address: 717 N Park Ave
Burlington NC

Project Name: OE Enterprises / Phase II
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: ATC Associates
Address: 4020 Old Pineville Rd
Charlotte, NC 28217

Purchase Order No./Billing Reference ___
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☒ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 2.1	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X		
PROPER CONTAINERS used?	X		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ USACE ___ FL ___ NC ✓
SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ___
Sample Iced Upon Collection: YES ✓ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED Method 8260B w/ Naphthalene						REMARKS	PRISM LAB ID NO.
TW-1B	12/8/11	1915	Water	VOA	3	40mL	HCL	X							Ø1
TW-4A		2030													Ø2
TW-4B		1825													Ø3
TW-5A		2000													Ø4
TW-5B		2015													Ø5
TW-6A		1725													Ø6
TW-6B		1700													Ø7
TW-7A		1905													Ø8
TW-7B		1935													Ø9

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature [signature] Sampled By (Print Name) Andrew Deppensmith Affiliation ATC

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	12/9/11	1045
[signature]	[signature]		
[signature]	Received For Prism Laboratories By: [signature]	12/9/11	1055

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

COC Group No. 112Ø3Ø2

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other ___

Additional Comments:

PRISM USE ONLY
Site Ar
Site
F

ATC As
Attn: A
402C
Ch

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC

... Amber C = Clear G = Glass P = Plastic TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

CHAIN OF CUSTODY RECORD

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449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: ATC Associates
Report To/Contact Name: Andrew Deppensmith
Reporting Address: 4020 Old Pineville Rd
Charlotte, NC 28217
Phone: (704)529-3200 Fax (Yes) (No): _____
Email (Yes) (No) Email Address andrew.deppensmith@atcassociates.com
EDD Type: PDF X Excel ___ Other ___
Site Location Name: DE Enterprises
Site Location Physical Address: 717 N Park Ave.
Burlington, NC

Project Name: DE Enterprises/Phase II
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: ATC Associates
Address: 4020 Old Pineville Rd
Charlotte, NC 28217
Purchase Order No./Billing Reference _____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☒ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 2.1	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X		
PROPER CONTAINERS used?	X		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ USACE ___ FL ___ NC ___ SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ___
Sample Iced Upon Collection: YES ___ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED: 8260B w/ Naphthalene	TPH GRO	TPH DRO	REMARKS	PRISM LAB ID NO.
TW-7A/4-6	12/8	1300	soil	A/C/VOA	5	40z/40ml	unpreserved/ NaHSO4/ MeOH	X	see remarks		extract and hold TPH GRO/DRO	10
TW-6A/12-16	12/7	1700	soil	A/C/VOA	5	40z/40ml	unpreserved/ NaHSO4/ MeOH	X	see remarks		extract and hold TPH GRO/DRO	11

Sampler's Signature _____ Sampled By (Print Name) Andrew Deppensmith Affiliation ATC

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	12/9/11	1545
Relinquished By: (Signature)	Received By: (Signature)	Date	
	Received For Prism Laboratories By:	Date	
		12/9/11	1035

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____

COC Group No. 112036Z

Additional Comments:

PRESS DOWN FIRMLY - 3 COPIES

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___	☐ NC ☐ SC ☐ ___

CONTAINER TYPE CODES: A – Amber C – Clear G – Glass P – Plastic T – Teflon Lined Cap V – VOA Volatile Organics Analysis

SEE REVERSE FOR TERMS & CONDITIONS

NO
N/A